

Historic, Archive Document

Do not assume content reflects current
scientific knowledge, policies, or practices.

62.73

Van Waveren

1915



**DUTCH
BULBS
AND
ROOTS**
DIRECT FROM
HOLLAND

**G. VAN WAVEREN
& KRUIJFF**
SASSENHEIM, HAARLEM.
HOLLAND.

AMERICAN BRANCH HOUSE
200 WALNUT PLACE PHILADELPHIA (PA)

OUR LITTLE HISTORY.

The American is always interested in our little Holland. And, you will pardon us for saying so, there is ample cause for this. However small our country is (only about 37.000 square miles in all) there are so many places of interest in it, such wonderfully quaint costumes to be found, such a great quantity of queer nooks and corners and windmills, that it is small wonder that the American who goes abroad never fails to pay a visit to picturesque Holland.

Many things we are proud of: our great history, so splendidly described in „The Rise of the Dutch Republic” has had great influence over many nations; painters glory in the study of our ancient arts; civil engineers come to Holland to study the way in which the busy workers kept the water from destroying everything and wiping Holland off the map; while the neighboring countries of England, Germany and France envy us for carrying away the highest prizes from under their very noses for the most magnificent displays which can be held in the way of vegetables, fruits and flowers.

In former years we held the seas by our indomitable power. We made laws which far greater countries obeyed. Nowadays that same spirit is still there, but it predominates in a different way. Our little country was chosen as the spot in which to erect the palace of peace. We are still great in the things in which a small country can be great. We are still a fighting people, but we fight with the weapons of peace.

Untiring energy, producing in the various branches of horticulture and agriculture results, which can be beaten with difficulty, is still the main characteristic of the Hollander.

The small area, from which he has to derive his living, has led him to study more closely how to obtain better results than otherwise would have been the case. A thoroughness which is unequalled is found among our people and has secured them a high rank among and the esteem of all other nations.

The Growing of Bulbs is one of the most painstaking businesses known. Handed down from father to son, and carried on in a comparatively small part of our small Holland, it has become an art in itself, and only those, who are thoroughly familiar with it, know the difficulties it presents.

To produce good results one must have smallest details at his fingers ends. A slope in one of the fields; lack of sufficient water or too much of it, (all under control) or a dip in the center of a Hyacinth field may prove disastrous to the bulbs. To have the fields dug to a depth of two or three feet; to know the exact ways of how, and when, and where to plant the bulbs; how to keep them free from diseases; the best methods of propagation, and a million other things are only learned from long experience and active work among these beautiful but tricky children of nature.

The point is, of course, to cultivate the bulbs in such a manner that, when they finally reach the customer, he will derive the best results from them.

Our firm is one of the old established ones. We have an area planted with stock, which stands comparison with any of the other stocks in the Bulb growing district. Since 1866 in which year the firm was founded, every possible care has been taken to make the standard of our bulbs as high as possible. New varieties are always added, some being originated by our firm, and old fashioned ones replaced by up-to-date stocks.

Our workmen are all familiar with the goods they handle. Year in and year out they do nothing but cultivate bulbs under the direction of competent foremen, all under the direct supervision of one of the Firm.

The members of the Firm **Messrs. G. KRUYFF, E. H. KRUYFF** and **C. G. KORNMAN** as well as our American Manager **Mr. JOHN VAN AALST** were all born and bred among the bulbfields.

Our endeavours have produced the Result:

W. & K. the sign of Quality.

Three years ago we started our branch office in Philadelphia. We have had our little troubles like everyone else, but:

We have made a hit with the principal idea: To let the American flower-lover have the benefit of buying the right kind of bulbs, grown by the right firm on the right soil and sent directly from their native country to the customer.

Quality bulbs, which cannot be surpassed, have always been sent out to our customers and this will be our aim for the future.

As our prices carry the bulbs, packed in their original packages, right to your home, you have no annoyances from clearings, no duty, no freight. Simply tip top quality at these prices, no more, no less.

51% of our customers who re-ordered, enlarged their 1912 orders by 251% for 1913. We are willing to show this in our books to every-one who might feel interested.

With a few Dollars worth of our bulbs it is possible to make your garden and home pretty and attractive at a time when flowers are scarce.

You can follow our guidance when ordering and the result will certainly pay you for the little trouble you take.

In case you are anxious to know about some subjects, just write to our Philadelphia Branch and the fifteen years experience of our manager there is fully at your command.

OUR CLAIM.

When we send you our bulbs direct from our fields in their original packages free of all charges to your home we claim the following:

That the quality of our bulbs is of a higher standard than that of those you are able to secure, under ordinary circumstances from the seedsmen in the United States.

That under fair conditions the results will be more satisfying to you.

That after a trial of our stock we will receive your future orders and those of your friends as well.

That the numerous compliments which we have received on the quality of our bulbs have been fully deserved and that

"W & K, the sign of quality", is not merely a hollow phrase, but a well mented and fully justified motto.

TRY US!

Yours faithfully,

**Gt. VAN WAVEREN & KRUYFF,
200 Walnut Place
PHILADELPHIA Pa.**

JOHN VAN AALST Mgr.

MAKING A BULB-GARDEN.

By Grace Tabor.

This helpful little book may be obtained through us for 55 cts., including 5 cts. for postage. It tells you how to most effectively secure the earliest springbloom and deals also with the bulbs flowering throughout summer and fall.

How to grow our Bulbs.

GARDEN BULBS. A garden may be small or large, yet can always be made to look attractive in the Spring with Dutch bulbs when no other flowers have yet made their appearance. The trees will just have begun to show a sprinkle of the tenderest green and the lawn will have assumed a more lively tint when the balmy air already is fragrant with the perfumes of the Dutch flowers.

CROCUS. These may be scattered all over the lawn. They will stand a lot of rough handling and yet show up cheerfully in the early spring. Plant them a couple of inches deep, single or in little groups.

SNOWDROPS, May be treated in the same way and certainly repay for the little money and trouble bestowed on them

HYACINTHS. A splendid display of these typical Dutch bulbs can be made by putting them in beds. Pick out the location for your bed which can be made oblong, round, or square or any shape according to taste. An oval bed of about $11\frac{1}{2}$ feet by $7\frac{1}{2}$ feet will require about 300 bulbs, while 100 bulbs make an excellent showing in an oblonged bed $2\frac{1}{2} \times 7$ feet. Plant them six inches deep and six inches apart. It will be well to pay attention to the various color combination we are giving under the heading "first size Hyacinths". We might say that the second size as well as Bedding suit the purpose of planting out door just as well as the first size and will not run into such a high cost.

TULIPS. Are also ideal for bedding purposes in much the same manner as the Hyacinths. They should be planted about four inches deep and four inches apart. It is however very important to put the right kinds and shades in one bed as all varieties do not flower at the same time and height. Our little guide will help you to pick out the right varieties (see Tulips).

NARCISSUS. While Hyacinths and Tulips like to have plenty of Sunshine, Narcissus are well contented with shady places. Along hedges, and around and between evergreens they show up fine. They are not very particular as to the depth at which they are planted.

SOIL. Bulbs will bloom in any kind of soil. It stands to reason though, that the better it be prepared the better results you may expect.

The three cardinal points in planting bulbs are these:

First, to plant early enough—as early as permissible in October—to give the bulbs ample chance to make roots before the winter sets in.

Second, to plant at the right depth, as noted hereafter under the various classes; it is particularly desirable that formal beds should be planted at an even depth.

Third, to provide good drainage if your soil is clayey in character. Bulbs can grow in any average good soil, and in shady places, but like most other flowering plants they benefit by good soil and sun (the latter particularly in the case of tulips and hyacinths).

Remember if you are planting bulbs in beds that have contained flowering plants during the summer, that the soil will need enrichening, if you desire a profusion of large blooms.

The ideal treatment for a bulb bed, for the planting of tulips, for instance, is to dig out the top soil to a depth of five inches, an inch deeper than the bottom of the bulb is supposed to come. Take well rotted manure and spade it, along with sand if the soil below is clayey, till you have an underlying layer of nearly a foot in depth which is rich and open in texture, so that the bulbs can make a good root growth and find plenty of food when the time comes to send up their flower spikes in spring.

Level off the top of this layer, or if the bed when completed is to be crowned, crown this surface so that all bulbs may be planted at an even depth. Spread practically an inch of sand above this layer; or place it directly below each bulb; set bulbs with flat (or root face) down; then fill in the top soil and press lightly—this little extra care will insure the roots taking hold so much more easily, will provide ample drainage in case there should be a heavy rain shortly after planting, and thus prevent rotting of the bulbs.

We send everything herewith catalogued: carriage paid and free of packingcharges; our prices including everything.

BULBS FOR FORCING.



Use a bit of a broken pot arched over the hole and one inch of coarse drainage material to prevent washing.

In potting bulbs for indoor blooming, be careful not to plant bulb too deep. The soil should not come within a half-inch of the top of the pot and the top of the Narcissus bulb should be up to the surface; the Tulips, not over an inch below; Hyacinths or Crocus, not over a half-inch below.

The soil should be light and rich, three parts loam, one part leaf mould and one part sand is a good combination; the leaf mould serving the purpose of holding the moisture.

A six-inch pot should not contain more than five Tulips, or two Narcissus, or two Hyacinths, or six Crocus. An eight-inch pan will hold ten Tulips, or eight Hyacinths, or eight Narcissus, or twelve Crocuses.

If bulbs are planted in pots, use a piece of a broken pot as an arch over the outlet hole and put in stones to hold this in position and allow drainage without washing away the soil (Cut No. 1), then on top of this inch of drainage material add coarse, open soil, with the finer soil described above, both above and below the bulbs (Cut No. 2).

The bulbs having been potted, they are placed in the cold and dark for a period of a month and a half to three months, being watered only about every ten days, to prevent the soil from drying up.

It is much simpler if you have garden space to do it, to dig a trench a foot and a half deep, fill in about six inches with

ashes, and place the potted bulbs on this layer. Then water well and cover with soil or coal ashes. Unless the season is unusually dry the bulbs will need no further attention till it is time to bring them in. Remember that ample root development is the important point in forcing bulbs. Till the removal of one of the pots from this trench shows that the roots have developed to such an extent that they can be seen down through the drainage hole (Cut No. 3), it is not wise to bring them in. At this time the leaves will be developed to the point of spreading apart so that the bud can easily push up and out (Cut No. 4).

Assuming that the bulbs are well rooted, the next point is to be sure that they are not kept in too warm a temperature. An average temperature of 55 degrees is plenty high enough. At no time, especially while the bulb is flowering, should the temperature exceed 60 degrees, if you desire best results. Over three-fourths of the failures in forcing bulbs result from too high a temperature; therefore, beware.

Too much water before rooting and too little water after are the prime causes of failures in raising bulbs. Water plentifully once you have them indoors—remember that the house is dry and warm; that air, light and water are the cheapest things in the world and the most essential to success in indoor bulb culture.

If blooms are being borne on too short flower stems and you know that the root growth is ripe, put an open paper cone about a foot high and a couple inches wide at the top, over the top of the bulb. The stem will draw up in the desire to reach the light. This treatment is particularly applicable to Hyacinths.



Note coarse soil next to drainage material. Leave one-half inch free space at top for watering.

WATER CULTURE.

What better Winter decoration for the home is there than the fragrant Paper White Narcissus, the Dutch Hyacinths, Daffodils and Crocuses?

Any of these can be easily raised in water, in a flat jardinere which has been partially filled with sand or pebbles. Stones between the bulbs will hold them firmly in place, assuring erect flower spikes.

Hyacinths grow beautifully in glasses specially made for this purpose and obtainable in most flower shops. The Tye kind is the most preferable. Be careful not to let the bottom of the bulb touch the surface of the water. There should be about the thickness of a nickel between. Place the glass in a dark cupboard or closet and wait till the roots crawl over the bottom of the glass. If the water should become foul let it run out, but never remove the bulb from the glass. Clean the root by shaking the glass gently after filling again and put in fresh water after the dirt is out. Be careful not to break the roots.

It is well to fill the glasses with soft rain water, and to add a little charcoal from the start, using plant food in the water around blooming time to increase the size of the flowers and the strength of the stem.

A dozen or more Crocuses in a flat bowl make an excellent display, but to assure bloom keep these in a unheated room, if possible.

Remember in growing bulbs in water that it is just as essential to get good roots before exposing to the light, as in the case of indoor forcing in soil. Unless there is a good root growth you are almost sure to be disappointed with the results.

Cuts by
Courtesy of
Garden Magazine.



Force now. Protruding roots signify that the pot is full of good root development.



The opening of the outer leaves say also that it is time to bring the pot into heat to force.

We send everything herewith catalogued: carriage paid and free of packing charges; our prices including everything.

HYACINTHS.

It has always been admitted that Hyacinths—because of their large heads of fragrant flowers, held at uniform height on substantial stems—were ideal for the formal Spring bulb bed.

But the flower lover who uses them only for this purpose—who fails to thoroughly intersperse them in the front of the perennial and annual borders and beds, is losing sight of an opportunity to beautify such portions of his ground, at a season when bloom is otherwise sadly lacking.

Hyacinths are also one of the best plants that can be relied upon to brighten the home during the months when nothing is in bloom outside. They force easily—if you tried them unsuccessfully it is probable that we may give you some hints which would obtain you better results. As a guide to best results we state below those that have given greatest satisfaction for forcing.

Plant six inches deep (to bottom of bulb) and six inches apart in beds.

BEDDING HYACINTHS

Chiefly for outside planting.

Although we reserve the right to ourselves to send out Bedding Hyacinths after our own Selection, yet we are willing to accommodate our customers as far as possible when they want us to send the Bedding Hyacinths with names attached.

This should be mentioned on the order sheet.

| | p. doz. | p. 100 | p. 1000 |
|------------------------------------|---------|--------|---------|
| Single Red | \$ 0.75 | \$ 5.— | \$ 45.— |
| Rose and Pink | 0.75 | 5.— | 45.— |
| White | 0.80 | 5 50 | 50.— |
| Blue | 0.85 | 6.— | 55.— |
| Light and Porcelain Blue | 0.85 | 6.— | 55.— |
| Yellow | 0.85 | 6.— | 55.— |
| Double Red | 0.80 | 5 50 | 50.— |
| Rose | 0.80 | 5 50 | 50.— |
| White | 0.80 | 5 50 | 50.— |
| Blue | 0.85 | 6.— | 55.— |
| Light and Porcelain | 0.85 | 6.— | 55.— |
| Yellow | 0.85 | 6.— | 55.— |

MINIATURE (DUTCH ROMAN) HYACINTHS.

These bulbs if planted at the same time as Romans, or as soon as they are at hand, may be had in bloom in January, if grown inside.

Single dark Red.

| | p. doz. | p. 100 | p. 1000 |
|--|---------|--------|---------|
| Amy | \$ 0.45 | \$ 3.— | \$ 27.— |
| Garibaldi , early, for forcing | 0.45 | 3.— | 27.— |
| Général Pélissier , early, fine for forcing | 0.45 | 3.— | 27.— |
| Robert Steyger | 0.45 | 3.— | 27.— |
| Roi des Belges | 0.45 | 3.— | 27.— |

Single Rose and Pink.

| | | | |
|--|------|-----|------|
| Baron van Thuyll , early | 0.45 | 3.— | 27.— |
| Gertrude , dark rose, big spike | 0.45 | 3.— | 27.— |
| Gigantea , pale rose, big spike | 0.45 | 3.— | 27.— |
| Moreno , nice rose spike | 0.45 | 3.— | 27.— |
| Rosea Maxima , nice spike | 0.45 | 3.— | 27.— |

Single White and Blush.

| | p. doz. | p. 100 | p. 1000 |
|--|---------|--------|---------|
| Albertine , very early forcer | \$ 0.45 | \$ 3.— | \$ 27.— |
| Baron van Thuyll , nice compact spike | 0.45 | 3.— | 27.— |
| Grandeur à Merveille , blush | 0.45 | 3.— | 27.— |
| La Grandesse , pure white | 0.50 | 3.50 | 30.— |
| L'Innocence , pure white | 0.50 | 3.50 | 30.— |
| Madame van der Hoop , compact spike | 0.45 | 3.— | 27.— |
| Paix de l'Europe , pure white | 0.45 | 3.— | 27.— |
| Queen Victoria , pure white | 0.45 | 3.— | 27.— |

Single light Blue.

| | | | |
|--|------|------|------|
| Czar Peter , very beautiful | 0.50 | 3.50 | 30.— |
| Grand Lilas , fine for cutting | 0.50 | 3.50 | 30.— |
| Grand Maître , large spike | 0.50 | 3.50 | 30.— |
| Johan , one of the best light blues | 0.50 | 3.50 | 30.— |
| La Peyrouse , sky blue | 0.50 | 3.50 | 30.— |
| Regulus , big spikes | 0.50 | 3.50 | 30.— |

Single dark Blue.

| | | | |
|--|------|------|------|
| Baron van Thuyll , very early, dark | 0.50 | 3 50 | 30.— |
| King of the Blues , good spike | 0.50 | 3 50 | 30.— |
| Marie , good deep blue | 0.50 | 3 50 | 30.— |
| William I , dark | 0.50 | 3 50 | 30.— |
| William III , dark | 0.50 | 3 50 | 30.— |

Single Yellow.

| | | | |
|--|------|------|------|
| Alida Jacoba | 0.50 | 3.50 | 30.— |
| Ida | 0.50 | 3.50 | 30.— |
| King of the Yellows , the best yellow | 0.50 | 3.50 | 30.— |

MINIATURE HYACINTHS (DUTCH ROMAN)

Our Selection.

| | p. doz. | p. 100 | p. 1000 |
|---|---------|--------|---------|
| Single, named varieties, red | \$ 0.45 | \$ 3.— | \$ 27.— |
| " " " rose and pink | 0.45 | 3.— | 27.— |
| " " " pure white | 0.45 | 3.— | 27.— |
| " " " creamy white and blush | 0.45 | 3.— | 27.— |
| " " " light and porcelain blue | 0.50 | 3 50 | 30.— |
| " " " dark blue | 0.50 | 3 50 | 30.— |
| " " " mixed varieties, all colors | 0.45 | 3.— | 27.— |

SECOND SIZED HYACINTHS FOR FORCING.

Although as a rule first sized Hyacinths are superior to second sized ones when it comes to forcing, yet these 2nd sized Hyacinths will make a very nice display in beds or even when planted in pots. We feel convinced that you will be satisfied with them.

Six at a dozen price, 25 at hundred price.

Single dark red.

| | p. doz. | p. 100 |
|---|---------|--------|
| Amy | \$ 1.10 | \$ 8.— |
| Garibaldi , early forcer | 1.30 | 10.— |
| General Pélissier , early forcer | 1.30 | 10.— |
| Robert Steyger , crimson | 1.10 | 8.— |
| Roi des Belges , crimson | 1.10 | 8.— |

We send everything herewith catalogued: carriage paid and free of packing charges; our prices including everything.

Single Rose and Pink.

| | p. doz. | p. 100 |
|---|---------|---------|
| Baron van Thuyll , rose | \$ 1.30 | \$ 10.— |
| Cardinal Wiseman , late, big spike | 1.45 | 11.— |
| Charles Dickens , pink, very big spike | 1.30 | 10.— |
| Gertrude , dark rose, very nice | 1.10 | 8.— |
| Glganthea , pale rose | 1.10 | 8.— |
| Grand Valnqueur , rose | 1.10 | 8.— |
| Lord Macaulay , rose | 1.10 | 8.— |
| Maria Cornelia , pink, very early | 1.10 | 8.— |
| Moreno , deep pink, big spike | 1.30 | 10.— |
| Rosea Maxima , rose | 1.10 | 8.— |

Single White and Blush.

| | | |
|--|------|------|
| Albertine , elegant spike, early, pure white | 1.10 | 8.— |
| Alba Superbissima , pure white | 1.10 | 8.— |
| Baroness van Thuyll , pure white, compact spike | 1.20 | 9.— |
| Blanchard , big spike, very early, pure white | 1.20 | 9.— |
| Grande Vedette , pure white | 1.10 | 8.— |
| Grandeur à Merveille , blush white, elegant spike | 1.10 | 8.— |
| Grande Blanche , compact spike, big bells | 1.10 | 8.— |
| La Franchise , creamy white | 1.10 | 8.— |
| La Grandesse , finest pure white | 1.85 | 14.— |
| L'Innocence , pure white, fine and early | 1.20 | 9.— |
| Madame van der Hoop , compact spike, big bells | 1.10 | 8.— |

Single light Blue.

| | | |
|--|------|------|
| Czar Peter , very beautiful, porcelain blue | 1.60 | 12.— |
| Grand Lilas , fine for cutting | 1.60 | 12.— |
| Johan , one of the best light blue | 1.30 | 10.— |
| La Peyrouse , sky blue | 1.30 | 10.— |
| Lord Derby , very showy | 1.60 | 12.— |
| Queen of the Blues , fine spike | 1.60 | 12.— |
| Regulus , big spike | 1.30 | 10.— |

Single Blue and dark Blue.

| | | |
|---|------|------|
| Baron van Thuyll , dark | 1.45 | 11.— |
| Captain Boyton , big spike | 1.60 | 12.— |
| Grand Maître , big spike, big bulb | 1.45 | 11.— |
| King of the Blues , dark, good spike | 1.60 | 12.— |
| Leopold II , excellent for pots | 1.45 | 11.— |
| Marie , good deep blue | 1.60 | 12.— |
| William I , dark, early | 1.60 | 12.— |
| William III , dark, good spike | 1.60 | 12.— |

Single Yellow.

| | | |
|---|------|------|
| Alida Jacoba , pure yellow | 1.20 | 9.— |
| Hermann , orange yellow | 1.30 | 10.— |
| Ida , big spike, one of the finest yellows | 1.30 | 10.— |
| King of the Yellows , extra big spike | 1.30 | 10.— |
| Sonora , deep yellow | 1.30 | 10.— |
| Yellow Hammer , golden yellow | 1.60 | 12.— |

Single Mauve and Purple.

| | | |
|---|------|------|
| Haydn , blush violet | 1.30 | 10.— |
| Lord Balfour | 1.30 | 10.— |
| Lord Mayo | 1.30 | 10.— |
| Sir Edwin Landseer , dark violet | 1.30 | 10.— |
| Sir William Mansfield , purple | 1.30 | 10.— |

Double Red, Light Red and Rose.

| | | |
|---|------|-----|
| Bouquet Tendre , dark red | 1.20 | 9.— |
| Czar Nicolas , pink | 1.20 | 9.— |
| Grootvorst , pink | 1.20 | 9.— |
| Lord Wellington , rose | 1.20 | 9.— |
| Noble par Mérite , deep rose | 1.20 | 9.— |
| Prince of Orange , rose | 1.20 | 9.— |

Double White and Blush White.

| | p. doz. | p. 100 |
|--|---------|--------|
| Bouquet Royal , pure white | \$ 1.20 | \$ 9.— |
| Isabella , blush | 1.20 | 9.— |
| La Déesse , pure white | 1.20 | 9.— |
| La Tour d'Auvergne , pure white | 1.20 | 9.— |
| La Virginité , rosy white | 1.20 | 9.— |

Double Blue and Porcelain Blue.

| | | |
|--|------|------|
| Bloksberg , light | 1.45 | 11.— |
| Charles Dickens | 1.30 | 10.— |
| Crown Prince of Sweden | 1.30 | 10.— |
| Garrick , blue, dark centre | 1.45 | 11.— |
| Prince of Saxony Weimar | 1.45 | 11.— |
| Van Speijk , deep blue | 1.45 | 11.— |

**Named Hyacinths
first-sized bulbs.**

Six at dozen price, 25 at hundred price.

For bedding as well as forcing, it pays to buy first-sized Hyacinths of named varieties. Full spikes of true-to-name Hyacinths are well worth the investment.

You will note that as growers, we offer several times as many varieties as listed in most American catalogues among them the best introductions in recent years.

The varieties marked with * are best for glasses or pots.

What W. K. call „Named Hyacinths first-sized Bulbs” **are real first-sized Bulbs**, and far superior to those often offered as first-sized Bulbs.

A slight difference in price, a big difference in quality.

Try our first size.

For Bedding purposes we give you the following combinations, which may be very handy for you.

Roi des Belges, dark red
Mad. van der Hoop, white

King of the Blues, dark blue
King of the Yellows, golden yellow

Gertrude, pink
L'Innocence, pure white

Roi des Belges, dark red
King of the Yellows, yellow

L'Innocence, pure white
Johan, light blue

Sir Wm Mansfield, purple
King of the Yellows, golden yellow

How to treat Hyacinths vide. How to grow Bulbs.

Single Red.

| | p. doz. | p. 100 |
|---|---------|---------|
| Amy , dark red | \$ 1.45 | \$ 11.— |
| * Etna , half double, large bells | 1.60 | 12.— |
| Fireball , deep orange red | 1.60 | 12.— |
| * Garibaldi , crimson, early forcer | 1.70 | 13.— |
| * Général Péliissier , dark red, forces very early | 1.70 | 12.— |
| * La Victoire , large crimson spike, early | 1.85 | 14.— |
| Robert Steyger , fine for bedding | 1.45 | 11.— |
| * Roi des Belges , big spike | 1.45 | 11.— |
| Vuurbaak , dark, early | 1.60 | 12.— |

We send everything herewith catalogued: carriage paid and free of packing charges; our prices including everything.

Single Rose and Pink.

| | p. doz. | p. 100 |
|--|---------|---------|
| * Baron van Thuyll , pink. | \$ 1.70 | \$ 13.— |
| * Cardinal Wiseman , rose, large spike | 1.85 | 14.— |
| * Charles Dickens , pretty pink, nice flower. | 1.75 | 13.— |
| Fabiola , bright rose. | 1.45 | 11.— |
| * Gertrude , dark rose, large truss. | 1.30 | 10.— |
| * Gigantea , pale pink, gigantic truss | 1.30 | 10.— |
| * Jacques , pink, large spike, | 1.85 | 14.— |
| * Lady Derby , rose extra, new | 1.85 | 14.— |
| * Lord Macaulay , pink, large spike | 1.45 | 11.— |
| * Maria Cornelia , soft rose, very early. | 1.30 | 10.— |
| * Moreno , gigantic flower, deep rose | 1.60 | 12.— |
| Norma , deep rose. | 1.60 | 12.— |
| * Rosea Maxima , rose, large spike | 1.45 | 11.— |
| * Rose à Merveille , deep pink, excellent spike | 1.45 | 11.— |
| Sultane favorite , bright rose, early | 1.45 | 11.— |

Single pure White.

| | | |
|--|------|------|
| * Alba Maxima , very early | 1.60 | 12.— |
| Alba Superbissima | 1.60 | 12.— |
| * Albertine , very early. | 1.45 | 11.— |
| Angenis Christina | 1.45 | 11.— |
| * Baroness van Thuyll , compact spike | 1.60 | 12.— |
| Blanchard , very early, big spike | 1.60 | 12.— |
| * Blancheur à Merveille , big spike | 1.60 | 12.— |
| Grande Vedette | 1.45 | 11.— |
| * La Grandesse , the best pure white. | 2.40 | 18.— |
| * L'Innocence , fine and early | 1.60 | 12.— |
| * Mad. van der Hoop , big bells, fine for bedding | 1.60 | 12.— |
| * Mimi , big bells, fine for bedding. | 1.60 | 12.— |
| * Mina , early. | 1.60 | 12.— |
| * Mont-Blanc , nice spike | 1.70 | 13.— |
| Paix de l'Europe | 1.45 | 11.— |
| Queen of England | 1.45 | 11.— |

Single Blush and Creamy White.

| | | |
|---|------|------|
| * Grande Blanche , slightly blush | 1.45 | 11.— |
| * Grandeur à Merveille , blush, big spike. | 1.45 | 11.— |
| * La Franchise , blush white | 1.45 | 11.— |
| Lord Grey , blush | 1.45 | 11.— |
| Mr. Plimsoll , blush white | 1.45 | 11.— |

Single light Blue.

| | | |
|---|------|------|
| Bismarck , the earliest light blue Hyacinth, very big spike. | 4.— | 30.— |
| * Czar Peter , fine porcelain blue | 2.10 | 16.— |
| * Enchantress , nicely shaded, light blue. | 2.10 | 16.— |
| * Grand Lilas , pale blue. | 2.10 | 16.— |
| Johan , light, good spike | 1.70 | 13.— |
| La Peyrouse | 1.70 | 13.— |
| Leonidas | 1.85 | 14.— |
| * Lord Derby , large spike | 2.10 | 16.— |
| * Potgieter , very fine blue | 2.10 | 16.— |
| Princess Wilhelmina | 2.10 | 16.— |
| * Queen of the Blues , handsome big light blue spike | 2.10 | 16.— |
| Regulus | 1.70 | 13.— |
| * Schotel , pale blue. | 2.10 | 16.— |

Single Blue and dark Blue.

| | | |
|--|------|------|
| * Baron van Thuyll , dark. | 1.85 | 14.— |
| Bleu mourant , purplish blue | 1.85 | 14.— |
| * Captain Boyton , big spike like Gr. Maître. | 2.10 | 16.— |
| Charles Dickens , compact truss | 1.85 | 14.— |
| * Grand Maître , big spike, big bulb | 2.— | 15.— |
| King of the Blacks , the darkest blue, nearly black | 2.10 | 16.— |
| * King of the Blues , dark, good spike | 2.10 | 16.— |

| | p. doz. | p. 100 |
|---|---------|--------|
| Leopold II , | 1.85 | 14.— |
| * Marie , good deep blue | 2.10 | 16.— |
| Masterpiece , purplish black | 2.10 | 16.— |
| Uncle Tom , dark | 2.10 | 16.— |
| William I , dark, early | 2.10 | 16.— |
| William III , dark, good truss | 2.10 | 16.— |

Single yellow and Orange.

| | | |
|--|------|------|
| Alida Jacoba , pure yellow | 1.60 | 12.— |
| * Herman , orange yellow | 1.70 | 13.— |
| * Ida , big spike, one of the finest yellows | 1.70 | 13.— |
| * King of the Yellows , fine spike, specially recommended | 1.70 | 13.— |
| La Citronnière , lemon yellow. | 1.60 | 12.— |
| La Pluie d'or , bright yellow. | 1.60 | 12.— |
| L'or d'Australie , pure yellow. | 1.60 | 12.— |
| Sonora , deep yellow | 1.70 | 13.— |
| * Yellow Hammer , golden yellow | 1.85 | 14.— |

Single Mauve and Purple.

| | | |
|---|------|------|
| Haydn , blush violet. | 1.60 | 12.— |
| * Lord Balfour , mauve | 1.60 | 12.— |
| * Lord Mayo , mauve | 1.60 | 12.— |
| Sir Edwin Landseer | 1.60 | 12.— |
| * Sir William Mansfield , purple | 1.60 | 12.— |

DOUBLE HYACINTHS.

Double Red, Rose and Blush.

| | | |
|---|------|------|
| * Bouquet tendre , well known, early variety, pink | 1.60 | 12.— |
| Czar Nicholas , rosy blush | 1.60 | 12.— |
| Grootvorst , good spike | 1.60 | 12.— |
| Koh-i-Noor , semi-double, large truss | 1.60 | 12.— |
| Lord Wellington , large and magnificent spike. | 1.60 | 12.— |
| * Noble par Merite , large flower, rosy red, extra. | 1.60 | 12.— |
| Prince d'Orange , semi-double rose, splendid spike. | 1.60 | 12.— |

Double White.

| | | |
|---|------|------|
| Bouquet Royal , pure white, fine spike. | 1.60 | 12.— |
| Flevo , pure white | 1.60 | 12.— |
| * Isabella , large spike, extra | 1.60 | 12.— |
| La Déesse , pure white, early | 1.60 | 12.— |
| * La Grandesse , pure white, same bells as the single. | 1.60 | 12.— |
| * La Tour d'Auvergne , large spike, very early | 1.60 | 12.— |
| La Virginité , blush. | 1.60 | 12.— |
| Prince of Waterloo , pretty flower | 1.60 | 12.— |

Double Blue.

| | | |
|---|------|------|
| Albion , purplish blue, late | 1.60 | 12.— |
| * Bloksberg , prettily formed spike | 1.70 | 13.— |
| Charles Dickens , good spike | 1.60 | 12.— |
| Crownprince of Sweden , violet blue, large spike | 1.60 | 12.— |
| Garrick , large spike, extra. | 1.70 | 13.— |
| * Lord Raglan , dark blue, light striped | 1.70 | 13.— |
| Prince of Saxe-Weimar , semi-double, large spike. | 1.70 | 13.— |
| Rembrandt , large spike | 1.70 | 13.— |
| * Van Speijk , large spike and bells | 1.60 | 12.— |

Double Yellow and Orange.

| | | |
|--|------|------|
| Bouquet Orange , good flower | 1.60 | 12.— |
| * Goethe , very fine spike, splendid spike. | 1.60 | 12.— |
| * Jaune Suprême , yellow with rose centre | 1.60 | 12.— |
| Sovereign , good truss | 1.60 | 12.— |
| Sunflower , magnificent spike. | 1.60 | 12.— |
| Willem III , large | 1.60 | 12.— |



MAY WE OFFER YOU HERewith A REPRODUCTION OF THE PEACE PALACE, WHICH HOLLAND OWES TO THE LIBERality OF **MR. ANDREW CARNEGIE.**

GT. VAN WAVEREN & KRUYFF, SASSENHEIM (HOLLAND).

The coming Tulips.

History tells us that the culture of Tulips was started in Holland in the year 1571. From 1634 until 1637 the famous „Tulpo-mania” reigned, during which time ridiculous high prices were paid for one bulb.

The list of varieties now in the trade differs greatly from that of earlier times. We remember lots of varieties which have totally disappeared in order to make room for other sorts, better and more according to up to date taste.

Nowadays there exist already many new varieties, but they will not leave Holland in quantities in the first years on account of the very limited stocks and because the growers rather keep them to grow them as they see a future in that business.

We guess it will be of interest to our American customers to cast a glimpse in future; we wish to be up to date, to be the first in offering something special. something new, to be ahead of other people, for that reason we offer them to our customers already now.

These coming tulips are:

SINGLE VARIETIES.

| | each | | each |
|--|---------|--|---------|
| Calipso. Like Herman Schlegel, but far bigger, resembles the White Hawk in habit | \$ 0.20 | La Reine des Reines. (Prosperity) Delicate and lovely pink, very early, splendid forcer | \$ 0.15 |
| Casuaris. This flower has an excellent form, it resembles the La Reine Maximus but is deeper rose colored . . | 0.30 | La Reine Maximus. An improvement of the wellknown La Reine, far bigger | 0.15 |
| Colibri. The color is lighter yellow than Herman Schlegel, it is yellow all over. It is of a nice, round form and certainly one of the beauties in Early-Tulips | 0.50 | La Reine Victoria. The pure white La Reine, with all the good capacities of that sort, besides the stems are stronger | 0.15 |
| Columba. This sort is rosy pink, well formed short, broad flower | 1.— | Pelican. Large white flower lightly suffused with rose on upper petals, one of the biggest flowers | 0.35 |
| Crimson Queen. The color is dark crimson with a mauve shade in it, forces easily and is very showy | 1.— | Prinses Juliana. The color is of the finest rose, its form is eggshaped | 1.25 |
| Cullinan. This flower keeps well a long time, has an excellent form and its color is of finest deep rose . . | 0.30 | Red Hawk. A robust flower, the color is somewhat like Prince of Austria, but the outside petals are slightly colored yellow | 0.15 |
| Goud Elsje. This sort has a peculiar color, the under half part is yellow, while the upper part is white, suffused with light rose, like La Reine | 0.20 | Rose Hawk. The same robust habit as White Hawk, but light rose colored all over | 0.15 |
| Herman Schlegel. The yellow La Reine. This flower is of a light yellow color and has the same light rose like the La Reine, it is an easy forcer | 0.15 | Rose La Reine. Something after Prosperity, darker pink and smaller flower | 0.10 |
| Ibis. This sort is of a peculiar color, well we should say it is after the red cabbage, the outside petals are running into rose, the flower is very big and forces very easily . . | 2.— | Striped Hawk. The same robust habit as White Hawk, but the color is a peculiar combination of red and rose . . | 2.— |

DOUBLE VARIETIES.

| | each | | each |
|--|--------|--|--------|
| Apple Blossom. The color is like the Peach Blossom and even finer, but the tulip is not so filled as that sort . . | \$ 3.— | Peach Blossom. Excellent dark silky rose, the finest double rose Tulip known | \$ 3.— |
| Boule de Neige. Also a pure white sport of Murillo, which forces easily, the whole when in flower, is something after a white Paeony | 0.40 | Schoonoord. A pure white Sport of Murillo, with all the good qualities of that well-known variety. Excellent forcer | 0.40 |
| Electra. The color is like that of the crimson Queen, the shape is just as that of the Murillo and it has the good capacities of that wellknown sort in every respect . . | 4.— | Theeroos. (Tea rose) Another sport of Murillo, called Theeroos (tea rose) because it is both in color and shape like that well-known Rose | 0.15 |
| Mary Garden. Pure yellow, the shape of Murillo, the only pure yellow double tulip in existence | 0.50 | | |

We send everything herewith catalogued ; carriage paid and free of packing charges ; our prices including everything.

TULIPS.

Plant 4 inches deep (to top of bulb) and 4 inches apart in beds.

The culture of Tulips is one of our great specialties. Being owners of the very best grounds for Tulips (rich loam and pure sand), we dare say our Tulips are unsurpassed and sure to give the greatest satisfaction, for forcing as well as for bedding purposes.

Arrangements of Colors for Bedding.

Chrysolora and Dusart, or Artus or Belle Alliance.

Couleur Cardinal, bedded by itself makes one of the most beautiful beds.

Cottagemaid and Yellow Prince.

Duchesse de Parma, all by itself.

Keizerskroon, all by itself.

La Reine and Artus.

Maes, unsurpassed when bedded without anything else.

Pottebakker White and Chrysolora.

Princess Marianne and Ophir d'Or.

Prince of Austria, all by itself.

President Lincoln, all by itself.

Rose Gris de Lin, separate in one bed.

Thomas Moore, all by itself.

Van der Neer and Ophir d'Or.

Early Single Tulips.

„DUC VAN THOLL” THE VERY EARLIEST.

| | p. 100 | p. 1000 |
|--|--------|---------|
| Cocheneal , glowing vermilion, very early | \$ 3.— | \$ 27.— |
| Crimson | 1.30 | 11.— |
| Gold Striped | 1.75 | 15.— |
| Orange | 1.75 | 15.— |
| Red and Yellow | 1.50 | 12.— |
| Red and Yellow , maximus | 2.25 | 20.— |
| Rosy | 1.75 | 15.— |
| Scarlet | 1.75 | 15.— |
| Vermilion | 1.50 | 12.— |
| Violet | 1.20 | 10.— |
| White | 1.50 | 12.— |
| White Maximus | 1.50 | 12.— |
| Yellow | 3.— | 27.— |
| All colors mixed | 1.50 | 12.— |

The varieties marked 1 generally begin to flower about the 20th of April, those marked 2 after the first of May.

By selecting bulbs preceded by the same figure, and of the colors desired, you find the problem of making up a bed of Tulips pleasing in color combination, which will bloom at the same time, very much simplified.

SORTS RECOMMENDED FOR FORCING.

A very handy way to force Tulips is the following.

Make a little box say 18" × 9" × 5" putting the boards at the bottom 1/4 of an inch apart for drainage. Fill the box 3/4 with good soil and place the Tulips in, covering them up. They may be placed almost touching each other. Put the box in the ground and cover deep with ashes or soil or manure. After some eight weeks when the bulbs have sufficient roots, dig the boxes up and place in light and heat, keeping them well moist. When the bulbs are in flower, dig them up very carefully and place in fancy basket or pot filled with damp moss or earth. They are then very even and will last as long as if forced in the pots.

For forcing the following varieties are highly desirable.

If you will note these suggested varieties you may have a complete succession of bloom from Christmas until the Easter season.

For Flowering in December and Early January.

THE DUC VAN THOLL VARIETIES, MON TRÉSOR, PROSERPINE, THOMAS MOORE, VERMILION BRILLIANT and WHITE POTTEBAKKER.

For Flowering January until March.

BELLE ALLIANCE, DUCHESSE de PARMA, KEIZERSKROON, LA REINE, PRINCE OF AUSTRIA, ROSE GRIS DE LIN, VERMILION BRILLIANT, YELLOW PRINCE.

For Flowering from Early March to Early April.

BELLE ALLIANCE, COULEUR CARDINAL, FLAMINGO, LA REINE, PRINCE DE LIGNY, PRINCE OF AUSTRIA, PROSPERITY, ROSE GRIS DE LIN, ROSE LUISANTE, VERMILION BRILLIANT, WHITE HAWK, YELLOW PRINCE.



Early single Tulips.

We send everything herewith catalogued: carriage paid and free of packing charges; our prices including everything.

Early Single Tulips. — Continued.

Three of the finest early single Tulips are shown here. At the top is Duchess of Parma, a bright orange red with a deep margin of rich yellow. Below (at the right) is Thomas Moore, bright orange shaded. At the bottom is Ophir d'or, a sweet-scented canary-yellow, which is generally conceded to be the best single yellow for bedding purposes.

| | p doz. | p. 100 | p. 1000 |
|--|---------|---------|---------|
| 1—Adeline , rosy violet, with a yellow centre. Height 8 inches | \$ 0.45 | \$ 2.75 | \$ 24.— |
| 2—Alba Regalis , white, faintly edged pale yellow. Height 10 inches | 0.35 | 1.65 | 15.— |
| Arms of Leiden , white flamed carmine | 0.30 | 1.65 | 15.— |
| 2—Artus , rich scarlet, with clear yellow centre. Height 10 inches | 0.20 | 1.10 | 10.— |
| 1—Belle Alliance (Waterloo) , crimson scarlet, with yellow centre. Height 9 inches | 0.35 | 2.— | 18.— |
| Berchem , brilliant clear carmine | 0.50 | 3.10 | 28.— |
| 1—Bride of Haarlem , carmine, feathered white. Height 8 inches. | 0.70 | 4.— | 37.— |
| 1—Brilliant Star , brilliant scarlet, color and habit as Vermillon Brilliant, but much larger, splendid early forcer. . . | 1.75 | 10.— | |
| 2—Brutus , orange scarlet, edged yellow. Height 8 inches | 0.40 | 2.25 | 20.— |
| 1—Canary Bird , rich yellow. Height 11 inches | 0.30 | 1.65 | 15.— |
| 2—Cerule Grls de Lin , rosy violet. Height 10 inches | 0.90 | 5.50 | 50.— |
| 1—Chrysolora , deep golden-yellow. Height 11 inches | 0.25 | 1.35 | 12.— |
| 1—Claremont Gold , orange-scarlet. Height 12 inches | 0.55 | 3.30 | 30.— |
| 1—Claremont Silver , carmine and white. Height 12 inches | 0.55 | 3.30 | 30.— |
| 1—Claremont White , white. Height 12 inches | 0.75 | 4.40 | 40.— |
| 1—Cottage Boy , orange-red bordered orange yellow. Height 9 inches | 0.40 | 2.50 | 22.— |
| 1—Cottage Maid , lovely rosy pink shading to cream white. Height 9 inches | 0.25 | 1.35 | 12.— |
| 2—Couleur Cardinal , intense crimson, shaded with plum on the exterior yellow centre. Height 11 inches. | 0.50 | 3.— | 28.— |
| A grand Tulip, which makes a very decided show in a bed. | | | |
| 2—Couleur Ponceau , cerise, flushed white. Height 1 foot. | 0.25 | 1.35 | 12.— |
| 1—Crimson King , crimson. Height 12 inches | 0.25 | 1.35 | 12.— |
| 1—Duc de Berlin , scarlet, edged orange yellow. Height 8 inches | 0.40 | 2.25 | 20.— |
| 2—Duchess of Parma , large orange red with a bold irregular margin of deep yellow, suffused with rose on the outer petals. Height 13 inches. | 0.30 | 1.80 | 16.— |
| 2—Dusart , crimson-scarlet, with greenish yellow centre. Height 10 inches | 0.30 | 1.80 | 16.— |
| 2—Flamingo , shape like White Hawk, color white, flaked rosy red. | 1.— | 6.50 | 60.— |
| A variety which has not been on the market very long. In forcing it gives great satisfaction, the color resembling the beautiful plumage of the flamingo bird. | | | |
| 1—Fred. Moore , bright orange shaded with scarlet, handsome and effective. Height 15 inches | 0.25 | 1.35 | 12.— |
| Very sweet-scented and of a fashionable color. | | | |
| 2—Goldfinch , the pure yellow golden Prince | 0.30 | 1.55 | 14.— |

Early Single Tulips. — Continued.

| | p. doz. | 100 | 1000 |
|---|---------|---------|---------|
| 1—Grace Darling , large dull orange scarlet, with dark blue centre. Height 12 inches | \$ 0.75 | \$ 4.50 | \$ 40.— |
| 1—Joost van den Vondel , rosy red, more or less flaked with white, and suffused with delicate rose on the outside. Height 10 inches | 0.45 | 2.50 | 22.— |
| 1—Joost van den Vondel, white , pure white, extremely beautiful. Height 10 inch. | 0.75 | 4.50 | 40.— |
| Kardnaalshoed , brown bordered orange buff. | 0.25 | 1.35 | 12.— |
| 1—Keizerskroon (Grand-Duc) , crimson-scarlet, edged bright yellow. Height 14 inches. | 0.50 | 2.90 | 26.— |
| Owing to its enormous cup and broad foliage this variety is generally looked upon as one of the best for outdoor work. The striking contrast of the yellow and red in the flower makes it very showy. | | | |
| 1—King of the Yellows , pure yellow in the way of Canary Bird, but far superior. Height 12 inches. | 0.30 | 1.80 | 16.— |
| 2—Koh-i-noor , very dark rich scarlet. Height 7—9 inches | 0.70 | 4.— | 36.— |
| La Précieuse , (vide Cottage Maid) . . . | 0.25 | 1.35 | 12.— |
| 1—La Relne (Queen Victoria) , white suffused with delicate pink. Height 11 inches | 0.25 | 1.35 | 12.— |
| 1—La Remarquable , dark purple. Height 10 inches | 1.25 | 6.75 | 60.— |
| 1—Le Matelas , silvery pink, tipped with white and shaded with blush white, early and very effective. Height 1 foot. . . . | 0.70 | 4.— | 36.— |
| 2—L'Immaculée , pure white. Height 8 inches | 0.25 | 1.35 | 12.— |
| 1—Maes , rich scarlet, tinged with purple on the interior, centre bronze surrounded with bright yellow; the finest tulip for bedding. Height 10 inches. | 0.50 | 3.65 | 32.— |
| 1—Mon Trésor , intense golden yellow. Height 11 inches | 0.30 | 1.80 | 16.— |
| Is very easy to force, one of the varieties you should start your experiments with because you will be certain of good results if you follow our instructions. | | | |
| 2—Nelly (Grande Blanche) , pure white. Height 9 inches | 0.25 | 1.35 | 12.— |
| 1—Ophir d'Or , canary yellow, very sweet scented. Height 11 inches. The very best single yellow tulip for bedding. | 0.30 | 1.80 | 16.— |
| 2—Pink Beauty , bright rose pink, shading to blush white near the yellowish centre. Height 11 inches. Award of merit R. H. S. May 8th. 1900 | 1.25 | 6.75 | 60.— |
| 1—Pottebakker, pure yellow . Height 13 inches. | 0.40 | 2.25 | 20.— |
| 2—Pottebakker, scarlet (Verboom) , rich scarlet with a yellow centre. Height 13 inches. | 0.40 | 2.25 | 20.— |
| 1—Pottebakker, white , large cupshaped pure white flowers. Height 13 inches. . | 0.45 | 2.75 | 25.— |
| 2—Potter , rich purple. Height 10 inches . . | 0.75 | 4.50 | 40.— |
| 1—President Lincoln (Queen of the Vloets) , rose purple, edged with white. Height 8 inches | 0.85 | 5.— | 45.— |
| 1—Prince de Ligny , golden yellow. Height 10 inches | 0.25 | 1.35 | 12.— |
| 2—Prince of Austria , scarlet suffused with orange, yellow centre, sweet scented. Height 12 inches. | 0.35 | 2.— | 18.— |

We send everything herewith catalogued : carriage paid and free of packing charges ; our prices including everything.

Early Single Tulips. — Continued.

| | p. doz. | 100 | 1000 |
|--|---------|---------|---------|
| 1—Princess Marianne , creamy white, suffused with pink, shading to rose; very large. Height 10 inches | \$ 0.25 | \$ 1.35 | \$ 12.— |
| 1—Proserpine , bright rose, suffused with purple, very handsome. Height 12 inches | 0.85 | 5.— | 45.— |
| Also a very easy forcing variety. | | | |
| 1—Queen of the Netherlands , large globe-shaped tulip of softest rosy white. Height 13 inches | 0.50 | 3.10 | 28.— |
| 1—Queen of the Violets (President Lincoln) | 0.85 | 5.— | 45.— |
| Rachel Ruysch , cherry color | 0.30 | 1.55 | 14.— |
| 1—Rembrandt , large glowing crimson. Height 12 inches | 0.60 | 3.50 | 32.— |
| 2—Rosamundi Huyckman , white tipped rose and suffused rose pink. Height 10 inches | 0.30 | 1.55 | 14.— |
| Rose Apatie , soft rose. | 0.50 | 3.— | 27.— |
| 2—Rose Gris de Lin , rose flushed with pink, excellent shape. Height 8 inches. | 0.25 | 1.35 | 12.— |
| A most beautiful and useful variety which should be included in every order. | | | |
| 2—Rose Luisante , dark silky rose, the finest rose tulip. Height 9 inches | 0.55 | 3.25 | 30.— |
| 1—Sir Thomas Lipton , rich crimson scarlet | 0.75 | 4.50 | 40.— |
| Standard Golden , scarlet, tipped and flaked with yellow. Height 10 inches. | 0.75 | 4.50 | 40.— |
| 2—Standard Royal (Silver Standard) , white ground, flaked and tipped with scarlet. Height 10 inches | 0.75 | 4.50 | 40.— |
| 2—Thomas Moore , bright orange, shaded with scarlet; very handsome and effective. Height 14 inches | 0.25 | 1.35 | 12.— |
| 1—Van der Neer , large violet purple. Height 10 inches | 0.85 | 5.— | 45.— |
| 2—Van Gooijen , fine rose. Height 9 inches | 0.30 | 1.75 | 15.— |
| Verboom , rich scarlet, yellow centre. Height 13 inches | 0.40 | 2.25 | 20.— |
| 1—Vermilion Brilliant , dazzling scarlet, with yellow centre. Height 10 inches. | 0.45 | 2.75 | 25.— |
| This variety is considered by a good many as the best scarlet. It certainly deserves all the credit which is given to it. | | | |
| 1—Vesuvius , deep scarlet. Height 10 inches | 0.45 | 2.75 | 25.— |
| 1—White Hawk , pure white, robust habit; one of the very best white Tulips. Height 12 inches. (Fine white for Easter). | 0.45 | 2.75 | 25.— |
| When forced this tulip at first opening shows a very peculiar habit. It looks as if it had been packed up in a box, full of wrinkles and crumpled up. After a day or so however it begins to fulfil itself, stretches and smoothes out and soon its full size is shown, making it one of the largest, best shaped flowers. | | | |
| 2—White Swan , true, pure white, egg shaped flowers. Height 14 inches. | 0.40 | 2.25 | 20.— |
| This variety cannot be forced, but for outdoor planting it is very useful. Its name indicates its shape. The flowers are borne on long Swan-neck-shaped stems, which gave it a very graceful appearance. | | | |
| 1—Wouwerman , rich dark purple, Height 10 inches | 0.85 | 5.— | 45.— |
| 2—Yellow Prince , rich yellow, sweet scented. Height 9 inches. | 0.30 | 1.55 | 14.— |
| Yellow Queen , deep yellow, extra | 0.45 | 2.75 | 25.— |



The three best double Tulips for forcing purposes are shown above.

No. 1—**IMPERATOR RUBRORUM** is a glowing scarlet with yellow centre, borne on strong stems.

No. 2—**MURILLO** is a delicate blush pink blending with white.

No. 3—**COURONNE D'OR** is a rich yellow tinged with orange red.

In common with all the other double Tulips listed below these varieties are excellent for bedding as all are vigorous growers outdoors.

Early double Tulips.

The varieties marked 1 generally begin to flower last week of April, these marked 2 first week in May, while the latest to flower are marked 3.

ARRANGEMENTS FOR PLANTING DOUBLE TULIPS IN BEDS.

Double tulips should be planted one variety in each bed grouping different varieties does not produce such a good effect. We advise for that purpose the following splendid varieties:

COURONNE D'OR, LA CANDEUR, LADY PALMERSTON, LE MATADOR, MURILLO, SALVATOR ROSE, WILLIAM III and LA CANDEUR, all by itself.

DOUBLE TULIPS SUITABLE FOR FORCING.

For Flowering in January.

SALVATOR ROSA.

For Flowering End of January to End of March.

COCHENILLE, COURONNE D'OR, EL TOREADOR, IMPERA-

TOR RUBRORUM, MURILLO, TITIAN, TOURNESOL,

YELLOW TOURNESOL.

| | p. doz. | p. 100 | p. 1000 |
|--|---------|---------|---------|
| 2—Alba Maxima , pure white. Height 1 foot | \$ 0.30 | \$ 1.75 | \$ 16.— |
| 1—Blanche Bâtie , pure white. Height 13 inches. Very beautiful. | 0.45 | 2.65 | 24.— |
| 1—Cochenille , fiery scarlet red. | 0.45 | 2.65 | 24.— |
| 1—Couronne des Roses , rich pure rose, shaded white. Height 11 inches. Extra | 0.60 | 3.55 | 32.— |
| 1—Couronne d'Or , deep yellow, marked with orange red. Height 11 inches . . . | 0.50 | 3.10 | 28.— |
| Crown of Gold would be the English name for this variety and it certainly is a golden Crown when in flower. It makes a splendid bedding Tulip. | | | |
| Cuyt , cherry red, novelty. | 0.60 | 3.55 | 32.— |
| 2—El Toreador , reddish bronze and orange with a yellow base; very handsome. Height 11 inches. Award of Merit R. H. S. May 9th, 1900. | 0.85 | 5.— | 45.— |
| 1—Fluweelen Mantel (Velvet Gem) , deep crimson, edged dark orange yellow. Height 10 inches | 0.40 | 2.45 | 22.— |
| 1—Gloria Solis , rich yellow, running to deep red. Height 12 inches | 0.40 | 2.45 | 22.— |
| Graaf van Leicester , yellow edged orange | 0.45 | 2.65 | 24.— |
| Hellanthus , red, yellow bordered, large flowers | 0.40 | 2.45 | 22.— |
| 2—Imperator Rubrorum , bright scarlet. Height 12 inches | 0.45 | 2.65 | 24.— |
| 2—La Candeur , pure white. Height 11 inches. Remains in flower a very long time. . . | 0.30 | 1.75 | 16.— |
| 1—Lady Palmerston , deep rose, shaded with white at base. Height 10 inches. . | 0.40 | 2.45 | 22.— |
| 2—La Grandesse , soft rose, shaded white. Height 12 inches | 0.40 | 2.45 | 22.— |
| 1—Le Matador , scarlet with purple glow at the outside of the petal. Height 12 inches. Extremely beautiful. | 0.45 | 2.65 | 24.— |
| 2—Le Blason , bluish pink. Height 11 inches | 0.40 | 2.45 | 22.— |
| Leo XIII , light red. | 0.40 | 2.45 | 22.— |
| 2—Lord Beaconsfield , brilliant crimson rose, the shape of the flower resembles a giant Ranunculus. Height 10 inches . | 0.40 | 2.45 | 22.— |
| 2—Murillo , delicate bluish pink. Height 10 inches. | 0.30 | 1.75 | 16.— |
| Most decidedly one of the best double Tulips known. It is very fine for forcing purposes as well as for outside work. | | | |
| Parmesiano , rosy red, splendid. | 0.45 | 2.65 | 24.— |
| 1—Princess Alexandra , scarlet and yellow. Height 10 inches | 0.40 | 2.45 | 22.— |
| 2—Purple Crown , dark purple. Height 12 inches. | 0.40 | 2.45 | 22.— |
| 3—Queen of the Netherlands , white flushed rose. Height 10 inches | 0.75 | 4.50 | 40.— |
| 1—Raphael , pink shaded rose, extra. Height 9 inches | 0.75 | 4.50 | 40.— |

Double Tulips. — (Continued).

| | p. doz. | p. 100 | p. 1000 |
|--|---------|---------|---------|
| 2—Rex Rubrorum , bright scarlet. Height 10 inches | \$ 0.45 | \$ 2.65 | \$ 24.— |
| 2—Rose blanche , snowwhite, excellent bedding tulip. Height 8 inches | 0.30 | 1.75 | 16.— |
| 2—Rosine , white tinged rose. Height 13 in. | 0.45 | 2.65 | 24.— |
| 2—Rubra Maxima , dazzling scarlet, splendid bedding variety. Height 10 inches . | 0.35 | 2.— | 18.— |
| 1—Salvator Rosa , beautiful deep rose, extra. Height 10 inches | 0.40 | 2.45 | 22.— |
| 2—Titian , scarlet, edged yellow. Height 10 in. | 0.40 | 2.45 | 22.— |
| 2—Tournesol , rich scarlet, edged yellow, very showy. Height 11 inches | 0.65 | 4.— | 36.— |
| 2—Tournesol Yellow , bright yellow, slightly shaded orange. Height 11 inches. . . | 0.50 | 3.— | 27.— |
| 2—Vuurbaak , bright scarlet, with a slight flush of orange, when fully open, very handsome. Height 12 inches. | 0.55 | 3.25 | 30.— |
| 2—William III , rich orange scarlet, extra. Height 12 inches | 0.45 | 2.65 | 24.— |

Variegated leaved Tulips.

The unusually attractive variegated foliage of these Tulips and the pleasing flowers are sure to make them popular in America once they are better known. Yellow Rose, particularly deserves to be more planted—blooms late, bears sweetscented double flowers of an excellent yellow.

Single.

| | p. doz. | p. 100 | p. 1000 |
|--|---------|--------|---------|
| Purple crown , golden yellow border. . . . | 0.50 | 3.50 | 32.— |
| Yellow Prince , broad golden, yellow edged extra. | 0.40 | 2.25 | 20.— |

Double.

| | | | |
|---|------|------|------|
| La Candeur , silver variegated. | 0.50 | 3.40 | 32.— |
| Rex Rubrorum , flowers rosy red, leaves silver variegated, extra | 0.40 | 2.50 | 22.— |
| Tournesol , rich scarlet, edged yellow gold variegated. | 0.75 | 4.50 | 40.— |
| Yellow rose , edged yellow, very striking . | 0.40 | 2.50 | 22.— |

Late double Tulips.

Very tall growing varieties. (Not adapted for forcing.)

| | | | |
|--|------|------|------|
| Admiral Kinsbergen , red and yellow. . . | 0.40 | 2.45 | 22.— |
| Blauwe Vlag (Lord Wellington) , blue. . . | 0.90 | 5.50 | 50.— |
| Mariage de ma Fille , white feathered crimson rose, very large and elegant. Height 14 inches. | 0.80 | 4.65 | 42.— |
| Overwinnaar , blue and white, striped and spotted | 0.50 | 3.40 | 32.— |
| Paeony Gold , red and gold striped. | 0.30 | 1.75 | 16.— |
| Paeony red , scarlet | 0.30 | 1.75 | 16.— |
| Yellow Rose , pure yellow | 0.35 | 1.75 | 16.— |

We send everything herewith catalogued: carriage paid and free of packing charges; our prices including everything.

Late single Tulips.

Byblooms.

| | p doz. | 100 | 1000 |
|----------------------------------|--------|--------|-------|
| Mixture | \$0.35 | \$1.75 | \$16— |
| Named Varieties | 0.40 | 2.45 | 22.— |

Bizards.

These bizard Tulips, blooming in late May, are being used largely for naturalizing in borders and for oddity beds. Imagine the wonderful contrast of purple, crimson and brown markings on the yellow grounds of these large, showy flowers, you will realize why these are so popular in Europe and the British Isles for their outdoor effects and cutting purposes.

| | | | |
|----------------------------------|------|------|------|
| Mixture | 0.35 | 1.75 | 16— |
| Named Varieties | 0.40 | 2.45 | 22.— |

Breeders.

| | | | |
|--|------|------|------|
| In fine named Varieties | 0.40 | 2.45 | 22.— |
| Mixed, all colors | 0.35 | 1.75 | 16.— |

PARROT (or DRAGON) TULIPS.



Parrot (or Dragon) Tulip.

In the whole garden year nothing is more showy, more grotesque than the fragrant Parrot (or Dragon) Tulips. The waxy irregular outlines, the brilliantly streaked petals, the oddly grotes-

que fashion in which they combine contrasting colors—are responsible for the growing interest being shown by the American public.

They bloom outdoors about the middle of May—have large flowers on graceful stems.

| | p. doz. | p. 100 | 1000 |
|---|---------|--------|--------|
| Mixture | \$0.25 | \$1.35 | \$12.— |
| Amirai de Constantinople , scarlet | 0.35 | 1.75 | 16.— |
| Cramoisi Brilliant , carmine | 0.35 | 1.75 | 16.— |
| Gloriosa , red and yellow | 0.35 | 1.75 | 16.— |
| Lutea Major , yellow | 0.35 | 1.75 | 16.— |
| Markgraaf van Baden , red and yellow, | 0.35 | 1.75 | 16.— |
| Monstre rubra major , scarlet, extra for forcing and for bedding | 0.35 | 1.75 | 16.— |
| Perfecta , yellow and red | 0.35 | 1.75 | 16.— |

REMBRANDT TULIPS.

New race of striped late tulips.

| | | | |
|--|------|------|------|
| Collection of 3 named sorts | 0.80 | 4.65 | 42.— |
| " " 6 " " | 0.85 | 5— | 45.— |
| Finest Mixture | 0.50 | 3.50 | 32.— |

May-Flowering Tulips.

Amongst the following the most beautiful objects will be found for the herbaceous border as well as for other decorative purposes.

As their large, brilliant flowers are borne on long, sturdy stems, the May flowering Tulips furnish excellent flowers for cutting during the middle of that month—when bloom is scarce. The Gesnerianas are distinctive for their various eyes or centres.

These Tulips should be planted outdoors only—they do not force well.

| | p. doz. | p. 100 | p. 1000 |
|--|---------|--------|---------|
| American Lac (Hobbema) , large satiny lilac salmon | \$1.65 | \$10.— | \$90.— |
| Beauty of America , creamy white and pink | 0.40 | 2.45 | 22.— |
| Bilietiana , yellow, flaked red | 0.30 | 1.75 | 16.— |
| Bouton d'or (Golden Beauty) , the finest and deepest golden yellow tulip for cutting | 0.40 | 2.45 | 22.— |
| Caedonia , bright orange scarlet | 0.40 | 2.45 | 22.— |
| Didieri , crimson, with blue centre | 0.45 | 2.75 | 25.— |
| Didieri Alba , white | 0.40 | 2.45 | 22.— |
| Elegans , dark crimson, elegantly reflexed | 0.40 | 2.45 | 22.— |
| Elegans alba , beautiful white reflexed petals, margined rosy red | 0.60 | 3.50 | 32.— |
| Elien Willmott , undoubtedly the finest May flowering tulip; flowers very large, beautifully shaped and of a soft creamy yellow color, with a delicious fragrance | 0.90 | 5.50 | 50.— |
| Fairy Queen , lilac and yellow | 0.40 | 2.45 | 22.— |
| Florentina Odorata (Sylvestris) , yellow, sweet scented | 0.30 | 1.75 | 16.— |
| Fulgens , rich crimson, very tall | 0.40 | 2.45 | 22.— |
| Fulgens Lutea (Mrs. Moon) , large yellow, extra fine | 0.90 | 5.50 | 50.— |
| Gesneriana Alba Oculata (Rosalind) , rich crimson scarlet, with white eye, very lovely | 0.30 | 1.75 | 16.— |
| Gesneriana Lutea , deep yellow, tall and handsome | 0.40 | 2.45 | 22.— |
| Gesneriana Lutea Pallida , large primrose yellow, extra | 0.80 | 5.— | 44.— |
| Gesneriana Macropella , crimson scarlet, black and yellow centre | 0.30 | 1.75 | 16.— |

We send everything herewith catalogued: carriage paid and free of packing charges; our prices including everything.

May-flowering Tulips. — (Continued).

| | p. doz. | p. 100 | p. 1000 |
|---|---------|---------|---------|
| Gesneriana Rosea , rosy carmine, black centre. | \$ 0.30 | \$ 1.75 | \$ 16.— |
| Gesneriana Major (Spathul ita) , rich crimson scarlet, blue black centre, very showy | 0.40 | 2.45 | 22.— |
| Golden Crown , golden yellow, edged red | 0.20 | 1.10 | 10.— |
| Golden Eagle , deep yellow | 0.30 | 1.75 | 16.— |
| Greigt , gigantic flower, scarlet-orange, foliage spotted purplish brown | 1.50 | 9.— | — |
| Inglescombe Pink , salmon rose | 0.40 | 2.45 | 22.— |
| Inglescombe Scarlet , brilliant scarlet, black base. | 0.65 | 4.— | 35.— |
| Inglescombe Yellow , may be called the yellow Darwin tulip, large flower of a perfect form, glossy canary yellow, very beautiful | 1.30 | 8.— | 70.— |
| Isabella (Shandon Bells, Blushing Bride) , creamy yellow changing to dark magenta | 0.40 | 2.45 | 22.— |
| La Candeur (Parisian White) , pure white, afterwards suffused with rose | 0.40 | 2.45 | 22.— |
| La Merville , scarlet suffused with apricot orange | 0.25 | 1.35 | 12.— |
| Mrs. Moon , large yellow, extra fine | 0.90 | 5.50 | 50.— |
| Parisian yellow , rich lemon yellow, with a deeper centre | 0.40 | 2.45 | 22.— |
| Picoté (Malden's Blush) , white, graceful recurved petals, margined rose, elegant flower. | 0.40 | 2.45 | 22.— |
| Primrose Beauty , belongs to the same type as Miss Wilmott, color soft primrose, changing to white. | 0.75 | 4.50 | 40.— |
| Retroflexa , light yellow with elegantly recurved petals, fine for cutting | 0.45 | 2.30 | 25.— |
| Royal white , pure white with yellow centre | 0.90 | 5.50 | 50.— |
| Scarlet Mammoth , large crimson, dwarf | 0.55 | 3.25 | 29.— |
| Sweet Nancy , white edged lilac. | 0.25 | 1.35 | 12.— |
| Virgnalis , white bordered lilac-red. | 0.40 | 2.45 | 22.— |
| Viridiflora , green, edged yellow | 0.60 | 3.50 | 32.— |
| Viridiflora Praecox , beautiful large flowers, soft green, edged yellow | 6.— | 35.— | — |
| Vitellina , pale primrose, passing off pure white, tall and exceedingly handsome | 0.90 | 5.50 | 50.— |
| Zomerschoon , flesh color, striped with salmon red | 0.40 | 2.45 | 22.— |

Darwin Tulips.
Named Varieties.

We strongly recommend this class of Tulips for garden decoration in groups, in the herbaceous border and amongst shrubs.

Grown for cut flowers they will prove very valuable at a time that our gardens yield so little to decorate our rooms. They flower during the middle part of May, a time in which the spring flowers are over and the summer flowers, such as roses, have not yet come in.

Growing to a height of a couple feet, with perfectly colored flowers double the size of an ordinary Tulip, the Darwin deserves to be thoroughly interspersed along the borders. It is well to put Darwin Tulips at the back—other May flowering Tulips in front and a border of early Tulips if you want almost continuous bloom, while the other plants are getting started.

By slowly forcing in pots they may be had in bloom in March or even earlier; most of the varieties improve in colour by protection under glass or canvas. The list of varieties we offer is carefully selected and includes nothing but fine varieties. We have discarded a great many varieties which, we considered inferior to those we now offer.

Darwin Tulips. — Continued.

| | (Fine for cutting). | p. doz. | p. 100 | p. 1000 |
|---|---------------------|---------|---------|---------|
| Assortment in 25 fine named varieties | | \$ 2.75 | \$ 25.— | |
| " " 10 " " " " | | 2.25 | 20.— | |
| Mixed , all colors | \$ 0.30 | 1.75 | 16.— | |
| Ant. de Barry , brownish velvet red | 0.40 | 2.45 | 22.— | |
| Ant. Roozen , lovely rose tinged apricot, extra | 0.60 | 3.50 | 32.— | |
| Ariadne , fiery scarlet red | 0.85 | 5.— | 45.— | |
| Baronae de la Tonnaye , vivid rose | 0.90 | 5.50 | 50.— | |
| C. J. Salter , bright rose, fine flower | 0.40 | 2.45 | 22.— | |
| City of Haarlem , brilliant scarlet with a pure white centre, very large | 1.40 | 10.40 | 100.— | |
| Clara Butt , soft delicate pale salmon rose, a flower of remarkable beauty | 0.45 | 2.75 | 25.— | |
| Cordelia , glowing violet crimson, very handsome | 0.45 | 2.75 | 25.— | |
| Donders , crimson, dark violet centre. | 0.45 | 2.75 | 25.— | |
| Dream , large lilac | 0.75 | 4.50 | 40.— | |
| Edmée , vivid rose pink | 0.50 | 3.40 | 30.— | |
| Etna , bright red. | 0.75 | 4.50 | 40.— | |
| Europe , bright carmine red, extra | 0.75 | 4.50 | 40.— | |
| Farncombe Sanders , fiery scarlet. | 1.— | 6.— | 55.— | |
| Faust , dark violet. | 0.60 | 4.25 | 40.— | |
| Fra Angelico , dark brownish black | 0.45 | 2.75 | 25.— | |
| Glory , brilliant scarlet | 0.50 | 3.40 | 30.— | |
| Glow , brilliant glowing vermilion, centre blue margined white | 0.75 | 4.50 | 40.— | |



Darwin Tulips.

We send everything herewith catalogued: carriage paid and free of packing charges; our prices including everything.

DARWIN TULIPS.

Imagine the brilliancy of these Darwin Tulips in your garden. Pride of Haarlem (shown at top) is a bright, carmine rose suffused with purple—a bloom measuring over four inches across is not oddity on this variety.

La Tulipe Noir (the Black Tulip) is nearly as large and is so dark a purple that on first glance it seems actually black.

| | p. doz. | p. 100 | p. 1000 |
|--|---------|---------|---------|
| Gretchen , large globular flower, outside bluish, inside soft bluish, very beautiful . | \$ 0.30 | \$ 1.75 | \$ 16.— |
| Gustav Doré , bright rose | 0.45 | 2.75 | 25.— |
| Hecla , deep crimson maroon, very beautiful . | 0.30 | 1.75 | 16.— |
| Isis , bright crimson | 0.90 | 5.50 | 50.— |
| Kate Greenaway , white flushed lilac, very late and beautiful | 0.45 | 2.75 | 25.— |
| La Candeur (White Queen) , lovely soft white, slightly tinged bluish, anthers black: a beautiful large globular, erect flower . | 0.75 | 4.50 | 40.— |
| Lantern , silvery lilac, changing to white . | 0.30 | 1.75 | 16.— |
| La Tristesse , lilac blue, extra | 0.75 | 4.50 | 40.— |
| La Tulipe Noire (The Black Tulip) , very large | 3.25 | 22.— | 218.— |
| Loveliness , soft rosy carmine, extra | 0.45 | 2.75 | 25.— |
| Marconi , violet white centre, large | 0.45 | 2.75 | 25.— |
| Massachusetts , beautiful light rose | 0.50 | 3.40 | 30.— |
| Massenet , apple blossom, extra | 0.90 | 5.50 | 50.— |
| May Queen , soft rose, large and beautiful . | 0.50 | 3.40 | 30.— |
| Melicette , deep lilac | 1.30 | 7.75 | 70.— |
| Mme Krelage , vivid pink, light bordered, extra | 0.90 | 5.50 | 50.— |
| Mr. Farncombe Sanders , bright scarlet . | 0.95 | 5.75 | 52.— |
| Mrs. Cleveland , delicate pink | 0.75 | 4.50 | 40.— |
| Nauticus , purplish rose, large | 0.40 | 2.45 | 22.— |

Darwin Tulips. — (Continued).

| | p. doz. | p. 100 | p. 1000 |
|---|---------|--------|---------|
| Nora Ware , silvery lilac, shaded white, extremely beautiful | \$ 0.70 | \$ 4.— | \$ 35.— |
| Negro , brownish dark red | 0.70 | 4.— | 35.— |
| North Dacotah , fiery red white basal blotch . | 0.40 | 2.45 | 22.— |
| Nymph , pale lilac | 0.40 | 2.45 | 22.— |
| Oulda , fiery red | 0.40 | 2.45 | 22.— |
| Painted Lady , soft milky white flowers on dark purple stems; flowers resemble the beautiful Nymphaea or Waterlily | 0.40 | 2.45 | 22.— |
| Peter Barr , bright rose | 0.40 | 2.45 | 22.— |
| Pride of Haarlem , large flower, dazzling cerise-scarlet | 0.55 | 4.— | 35.— |
| Prof. Francis Darwin , salmon scarlet . . | 0.70 | 4.— | 35.— |
| Psyche , delicate pink, very beautiful . . . | 1.— | 6.50 | 60.— |
| Queen of the Roses , rose, extra | 0.35 | 1.90 | 16.— |
| Rev. Ewbank , vivid heliotrope lilac, light bordered | 0.45 | 2.80 | 24.— |
| Seylla , fiery scarlet | 0.40 | 2.45 | 22.— |
| Sieraad van Flora , large flower, vivid rosy red, one of the earliest | 1.— | 6.50 | 60.— |
| Stanley , fiery scarlet | 0.70 | 4.— | 35.— |
| Sunrise , yellowish bronze, peculiar color . | 0.80 | 4.25 | 40.— |
| Thérèse Schwartz , soft heliotrope lilac . | 0.90 | 5.50 | 50.— |
| The Sultan , black, (may be called the black tulip) | 0.40 | 2.45 | 22.— |
| William Copland , lilac, early | 1.— | 6.50 | 60.— |
| Wedding Veil , nearly pure white | 0.85 | 5.— | 45.— |
| William Pitt , scarlet red, excellent forcer . | 0.85 | 5.— | 45.— |
| Yellow Perfection , light bronze yellow, edged golden, extremely beautiful | 0.60 | 4.25 | 40.— |
| Zephyr , pretty soft rose | 0.60 | 4.25 | 40.— |
| Zulu , violet black, very distinct shape, a splendid and very remarkable flower . . | 0.85 | 5.90 | 56.— |



A portion of our fields at Sassenheim, turned into an open-air exhibition, spring 1907, showing what can be done with our bulbs.

You will notice the fine display of flowers while everything else looks bare and wintry like.

You can make your own garden look like that.

We send everything herewith catalogued: carriage paid and free of packing charges; our prices including everything.

CROCUS. Named Varieties.

Who would know, when Spring was at hand, if the Crocus failed to show its head above the grass, even before the lawn had begun to put on its new coat of green?

You will have a pleasing surprise the first Spring day next year, if you scatter Crocuses liberally across your lawn, and in colonies along the front of your flower beds now. Don't confine yourself to the yellow sorts alone—remember that a touch of blue color in early Spring is most welcome, that the white, purple and striped and spotted sorts offer an excellent forecast of your garden season of pleasure.

Plant Crocus on the lawn, 2 inches deep, and 3 inches apart in colonies blending away to intervals of six inches, if you want an old and pleasing effect. Remember it does them no harm to be cut down, when the lawn needs its first application of the mower.

Albion, purple.

Albion, striped.

Baron von Brunow, dark blue.

Caroline Chisholm, white.

Dandy, purplish bordered white.

David Rizzio, purple.

Grande Vedette, blue.

King of the Whites, white.

La Majestueuse, striped.

Madame Mina, violet striped.

Mont-Blanc, white.

Non plus ultra, blue, bordered white.

Othello, dark purplish black.

Purpurea grandiflora, dark purple.

Queen Victoria, white.

Sir John Franklin, blue, large.

Sir Walter Scott, striped.

All the above \$ 1.30 per 100, \$ 11.— per 1000

p. 100 p. 1000

Mixed white \$ 0.70 \$ 6.—

Mixed blue & purple 0.75 6.50

Mixed striped 0.75 6.50

Mixed extra giant flowering all colors 0.70 6.—

YELLOW CROCUS.

Top size 1.40 12.—

1st size 1.20 10.—

2nd size 1.— 8.—

3rd size 0.70 6.—



NARCISSUS POETAZ.

Originated from a cross of Narcissus Poeticus and the Polyanthus Narcissi.

This new strain may be considered to be an improved race of the old Polyanthus Narcissi. They are perfectly hardy, have many-flowered stems and larger sweet scented flowers, and fit for pot culture as well as for forcing.

p. doz. p. 100

Alsace, white, cup lemon yellow, bordered orange. \$ 2.— \$ 12.—

p. doz. p. 100

Aspasia, white, cup deep yellow 1.— 6.—

Elvira, white with yellow cup 1.— 6.—

Ideal, white with orange cup 1.50 9.—

Irene, yellow with orange cup 2.— 12.—

Klondyke, yellow all over 4.— 24.—

Profusion, white with orange cup 2.— 12.—

Triumph, white with yellow cup 2.25 14.—

NARCISSI (DAFFODILS).

The Narcissus vies closely with the Tulip and Hyacinth for Spring honors. Dainty in color, graceful in habit, it furnishes long-stemmed flowers which are highly desirable for cutting.

The poeticus varieties are very sweet scented and like all the Narcissi, are especially well adapted for naturalizing in the semi-shady spots where the sun's rays are slightly broken.

It is well to be remembered that Tulips and Hyacinths need more sun and lighter soil than the Narcissus, and to arrange your

planting accordingly if you want flowers that excel all in the neighborhood.

In planting do not break off the small bulbs which adhere to the sides of the Narcissus bulb—as these will send up blooms and provide for growth of a small clump from each bulb. Strangely, the American habit seems to be to separate the small attached bulb from the parent, losing its vitality largely and preventing the increasing clump, which Narcissi form.

We send everything herewith catalogued: carriage paid and free of packing charges; our prices including everything.



SINGLE NARCISSI.

This grouping shows three of the best single Narcissi. The bud in the lower left-hand corner is the bicolor Grandis. From the illustration you get only a feeble idea of the beautiful contrast between the white perianth and the projecting yellow trumpet. The cut of the same variety in the centre of the illustration indicates the striking contrast between the bright yellow trumpet and the surrounding white perianth when fully opened.

In the upper left-hand corner and lower right are shown two views of the Golden Spur Narcissus which is of a deep yellow color. This is the best of all yellow Daffodils. Blooms early outdoors and forces easily.

In the upper right-hand corner is shown the beautiful Poeticus Ornatus (listed under Poeticus varieties above). Exceptional for forcing, fully three weeks before the ordinary Poeticus (or Pheasant's Eye) is in bloom. Ornatus produces beautiful white blooms with the distinctive yellow „eye” edged with red.

Single Narcissi.

| | p. doz. | p. 100 | p. 1000 |
|-------------------|---------|---------|---------|
| Mixture | \$ 0.20 | \$ 1.10 | \$ 10.— |

INCOMPARABILIS VARIETIES.

| | | | |
|--|------|------|------|
| Incomparabilis Barri Conspicuous, sulphur | 0.20 | 1.10 | 10.— |
| „ Cynosure, yellowish. | 0.20 | 1.10 | 10.— |
| „ Sir Watkin, yellow cup, sulphur perianth | 0.55 | 3.25 | 30.— |
| „ Albus Stella, white | 0.20 | 1.10 | 10.— |
| „ Typus, yellow | 0.20 | 1.10 | 10.— |
| Leedsii Elegans, white and sulphur | 0.20 | 1.10 | 10.— |

POETICUS VARIETIES.

| | p. doz. | p. 100 | p. 1000 |
|---|---------|---------|---------|
| Biflorus, white, yellow cup | \$ 0.20 | \$ 1.10 | \$ 10.— |
| Poeticus, white, orange cup | 0.20 | 1.10 | 10.— |
| „ Burbidgei, early | 0.20 | 1.10 | 10.— |
| „ King Edward VII, very early, orange cup | 1.— | 6.— | 55.— |
| „ Ornatus, very early | 0.20 | 1.10 | 10.— |
| „ „ double crowns | 0.25 | 1.35 | 12.— |
| „ Poetarum, very early | 0.25 | 1.35 | 12.— |

TRUMPET VARIETIES.

| | | | |
|--|------|------|-------|
| Ard Righ (Irish King), very early, extra . | 0.45 | 2.75 | 25.— |
| Bicolor grandis, yellow trumpet, white perianth. | 0.40 | 2.25 | 20.— |
| „ Empress, white and yellow, large . | 0.55 | 3.25 | 30.— |
| „ Horsfieldi, white and yellow . . . | 0.40 | 2.25 | 20.— |
| „ Victoria, grand | 0.55 | 3.25 | 30.— |
| „ Emperor, yellow, large flower . . | 0.55 | 3.25 | 30.— |
| Golden Spur, golden yellow selected double crowns | 0.65 | 4.— | 35.— |
| „ „ first size. | 0.40 | 2.25 | 20.— |
| Glory of Leiden, deep golden yellow, very big and fine formed trumpet | 1.75 | 13.— | 110.— |
| Henry Irving, fine yellow, early | 0.55 | 3.25 | 30.— |
| King Alfred, a most desirable early Daffodil of an uniform rich golden yellow, very large, refined flower and most vigorous grower each \$ 1.— | | | |
| Moschatus (Albicans), sulphury white . . | 0.40 | 2.25 | 20.— |
| Obvallaris, yellow, very early | 0.55 | 3.25 | 30.— |
| Pseudo (Lent Lily), perianth sulphur, trumpet orange yellow | 0.40 | 2.25 | 20.— |
| Scoticus, perianth white, trumpet yellow. . | 0.50 | 3.— | 28.— |
| Trumpet Major, yellow, fine trumpet . . | 0.40 | 2.25 | 20.— |
| „ Maximus, large golden yellow . . | 0.45 | 2.50 | 22.— |
| „ Nana, yellow, dwarf. | 0.25 | 1.35 | 12.— |
| „ Princeps, pale yellow | 0.30 | 1.75 | 15.— |
| Van Sion, golden yellow, very early for forcing | 0.35 | 2.— | 18.— |

DOUBLE NARCISSI.

Among the double Narcissi none is so well-known as the double Von Sion, of which a side view is shown at left and a front view in the lower centre of this picture. This is the double yellow daffodil so popular in America around the Easter season, and for this purpose it is forced by florists in larger quantities than any other Narcissus.

The orange Phoenix shown at the top of this illustration shades from white to deep orange with a blending of yellow between; the Sulphur Phoenix shown at the right, from white to sulphur yellow. Of these two, the Orange Phoenix is generally considered the more satisfactory for forcing—but in common with all other double Narcissus, any of these varieties are easily grown outdoors.

| | p. doz. | p. 100 | p. 1000 |
|--|---------|---------|---------|
| Mixture | \$ 0.25 | \$ 1.35 | \$ 12.— |
| Albo pleno odorato, white. The gardenia flower. | 0.20 | 1.10 | 10.— |
| Capax Plenus, „Queen Ann's double Daffodil”, Star shaped, lemon . . . each \$ 0.50 | | | |
| Incomparable, Butter and Eggs | 0.30 | 1.55 | 14.— |
| Orange Phoenix, yellow and orange . . . | 0.30 | 1.55 | 14.— |
| Pallidus plenus, sulphur and orange . . . | 0.45 | 2.75 | 25.— |
| Pumilus plenus, rich yellow, very double | 0.55 | 3.25 | 30.— |
| Sulphur Phoenix, sulphury white | 0.35 | 2.— | 18.— |
| Van Sion, double yellow trumpet, extra selected bulbs | 0.90 | 5.50 | 50.— |
| Van Sion, double yellow trumpet first size | 0.55 | 3.25 | 30.— |
| Van Sion, double yellow trumpet, second size | 0.40 | 2.25 | 20.— |

We send everything herewith catalogued: carriage paid and free of packing charges, our prices including everything.

Double Narcissi.



POLYANTHUS NARCISSI.

Bunch Flowered Narcissus.

| | p. doz. | p. 100 | p. 1000 |
|--|---------|---------|---------|
| Bathurst, yellow | \$ 0.75 | \$ 4.50 | \$ 40.— |
| Bazelman Major, white | 1.25 | 7.50 | 68.— |
| Gloriosa, white. | 0.65 | 4.— | 35.— |
| Grand Monarque, white | 0.65 | 4.— | 35.— |
| Grand Primo, sulphur. | 0.65 | 4.— | 35.— |
| Grand Soleil d'or, golden yellow | 0.65 | 4.— | 35.— |
| Her Majesty, white with yellow cup. | 0.75 | 4.50 | 40.— |
| Jaune Suprême, yellow | 0.75 | 4.50 | 40.— |
| Newton, bright yellow | 1.— | 6.— | 55.— |
| Queen of the Netherlands, white, early | 0.75 | 4.50 | 40.— |
| White Pearl, white | 0.65 | 4.— | 35.— |
| Mixed, all colors | 0.55 | 3.25 | 30.— |
| Mixed, white | 0.55 | 3.25 | 30.— |
| Mixed, yellow | 0.55 | 3.25 | 30.— |

JONQUILS.

| | | | |
|---|------|------|------|
| Double, odoriferous. | 0.55 | 3.25 | 30.— |
| Single, odoriferous | 0.20 | 1.10 | 10.— |
| Single Campenelli, large | 0.25 | 1.35 | 12.— |
| Single Odorus Rugilosis, (Improved Campernell). | 0.25 | 1.35 | 12.— |

Double Anemones.

| | p. doz | p. 100 |
|-------------------------------------|--------|--------|
| In 6 fine named Varieties | 0.30 | 1.80 |
| Ceres, rosy white | 0.30 | 1.80 |
| Fen Superbe, scarlet. | 0.40 | 2.25 |
| King of the Blues, blue. | 0.30 | 1.80 |

Double Anemones. — Continued.

| | p. doz. | p. 100 |
|-------------------------------------|---------|---------|
| Rosette, soft rose | \$ 0.30 | \$ 1.80 |
| Sir Joseph Paxton, violet | 0.40 | 2.25 |
| Sir Robert Peel, lilac | 0.40 | 2.25 |
| Surprise, scarlet, extra | 0.40 | 2.25 |
| The Bride, pure white | 0.40 | 2.25 |
| All Colors Mixed. | 0.25 | 1.60 |
| Scarlet, Mixed | 0.25 | 1.60 |
| Blue, Mixed | 0.25 | 1.60 |



SINGLE ANEMONES.

| | | |
|---------------------------------|------|------|
| All colors, mixed | 0.20 | 1.20 |
| Scarlet, mixed | 0.20 | 1.20 |
| Blue, mixed. | 0.20 | 1.20 |
| Violet, mixed | 0.20 | 1.20 |
| The Bride, pure white | 0.25 | 1.20 |

ANEMONES DE CAEN.

| | | |
|----------------------------|------|------|
| All colors mixed | 0.25 | 1.50 |
|----------------------------|------|------|

ANEMONES ST BRIGID.

If you will try this wonderful new race of half double anemones, particularly in a cool, shaded spot around the shrubs and bushes, you will find a pleasing surprise in wonderful scarlet, purple and cerise flowers, of a type that is still rare in America.

| | | |
|----------------------------|------|------|
| Splendid mixture | 0.45 | 2.50 |
|----------------------------|------|------|

We send everything herewith catalogued: carriage paid and free of packing charges; our prices including everything.

RANUNCULUS.

The *Ranunculus Grandiflora* is a brilliant feature of the fine gardens on the continent, but is comparatively little known, at its best, in America. In the opinion of American experts who have studied the conditions under which they flourish abroad, it should be easy to grow them in California and the entire Southwest, where the rainy season most closely duplicates those of their native Asia Minor. In other sections, growing *Ranunculus* outdoors requires care and skill—is a worth while test of expert gardening ability.

As a forcing flower *Ranunculus* has been standard for a half-century, there is no reason why any one should have trouble in getting a profusion of blooms with *Ranunculus* in his greenhouse.

| | p. doz. | p. 100 |
|--|---------|---------|
| Persian , in 6 fine named varieties | \$ 0.20 | \$ 1.20 |
| Persian , all colors mixed | 0.15 | 0.80 |
| French , in 6 fine named varieties | 0.20 | 1.20 |
| French , all colors mixed | 0.15 | 0.80 |
| Turban , in 6 named varieties | 0.25 | 1.40 |
| Turban , all colors mixed | 0.20 | 1.20 |

IRIS.

In few flowers is there more world-wide interest than in the Iris. The German Iris, or Flag, was the first to interest any large number of American flower lovers, but the more graceful Japanese types have been introduced into most American gardens long before this.

Admittedly the ideal Iris is *Iris Hispanica*, or *Iris Anglica*, the growing of which has been confined largely to American florists due to the feeling that the plant was difficult to raise.

True, the Spanish Iris requires more winter protection than the sturdy German types, but it is worth the effort, if you will plant it in September and give it a rich, moist soil and good winter protection, you will find that the orchidlike blooms secured in May will well reward you.

IRIS ANGLICA.

| | p. doz. | p. 100 |
|---|---------|---------|
| In 3 named varieties | \$ 0.75 | \$ 4.50 |
| Superfine Mixture | 0.50 | 3.— |
| Bleu Mourant , blue | 0.85 | 5.— |
| Mont Blanc , pure white, extra | 0.70 | 4.— |
| Othello , dark blue | 0.85 | 5.— |

**THE IRIS HISPANICA.**

A Spanish Iris is difficult to raise under American outdoor conditions—this Dutch development of the *Hispanica* strain, if planted around the end of September and given good winter protection, produces orchidlike flowers of such remarkable beauty that it is well worth the effort.

IRIS HISPANICA.

| | | |
|--|--------|------|
| In 6 named varieties | | |
| Alex von Humboldt , indigo blue | } 0.20 | 1.10 |
| Belle Chinoise , deep yellow | | |
| British Queen , pure white | | |
| Chrysolora , pale yellow | | |
| Darling , dark blue | | |
| Leander , deep yellow | | |
| Louise , pearl color | } 0.15 | 0.75 |
| Marie , blue | | |
| Reconnaissance , dark violet bronze | | |
| Mixed | | |

SPECIES OF IRIS.

| | | |
|--|------|------|
| Reticulata , dark blue, sweet scented, the earliest Iris | 2.50 | 15.— |
| Susiana , the mourning Iris, black on a white, lilac ground | 1.— | 6.— |

We send everything herewith catalogued carriage paid and free of packing charges; our prices including everything.

PÆONIES.

The best time to plant Paeonia's is in the early fall. If we get your order for them by the beginning of August we will guarantee shipment from here by the first week of October. If ordered later we can not guarantee shipment as early as that though we will do our best to send them as early as possible.

It is small wonder that the Paeonies, with their profusion of beautiful fragrant flowers, are among the most popular of hardy plants. The varieties now seen on the property of nearly all American flower lovers are not designed from the old American types, but are all the result of types which have been developed in Europe.

Originating in the most rigorous climate in Europe, these newer, better paeonies are able to readily withstand severest winters, although a half-century of development by master growers has brought out colors and types so delicate in appearance that it is difficult to realize how really hardy they are.

We list below exceedingly fine varieties with strong stems and beautifully shaped flowers of the best colors only—any one familiar with the history of the paeony will realize by scanning the list below, the large proportion of these which were created by the master paeony growers on the Continent, and on which our ideal location and facilities have enabled us to raise the best quality in the best condition, and at moderate cost.

Plant paeonies during September or in October if possible, so that they will make a root growth before the winter sets in and bloom the following Spring. Do not delay planting till Spring, although roots can be put out at that time if necessary, for under such conditions you will lose a whole year before you get bloom.

In planting see that the eyes are put two or three inches below the surface of the ground. Give ample nourishment but do not put fresh manure close to the roots, or transplant any oftener than necessary, as this decreases the number of blooms.

PÆONIA SINENSIS.

Exceedingly fine varieties with strong stems and beautiful shaped flowers, with good colors only.

| | Each Dozen | |
|---|------------|--------|
| Alba Maxima , snow white, tipped red at some of the inner petals, very large | \$0.45 | \$4.50 |
| Albert Crousse , clear rosy pink, extra large | 0.60 | 6.— |
| Asa Gray , clear rose, extra large | 0.60 | 6.— |
| August van Geert , dark carmine | 0.45 | 4.50 |
| Boule de Neige , white margined carmine, exceedingly beautiful | 0.25 | 2.50 |
| Buyckii , large flower, guard petals bright rose, centre salmon pink with silvery reflex, stiff habit, extra | 0.60 | 6.— |
| Canari , white tinted creamy white, very floriferous | 0.25 | 2.50 |
| Delicatissima , light rosy apricot, sometimes margined carmine red | 0.25 | 2.50 |
| Duchesse de Nemours (Snowball) , creamy white, very large, one of the finest Paeonias | 0.25 | 2.50 |

| | Each Dozen | |
|--|------------|--------|
| Duke of Wellington , soft light primrose, extremely beautiful | \$0.45 | \$4.50 |
| Eugène Verdler , blush, changing to pure white toward the centre | 0.65 | 6.50 |
| Felix Crousse , large anemone-shaped bloom, very brilliant red, ruby flame colored centre, extra | 0.65 | 6.50 |
| Festiva Maxima , pure white, spotted red, very large flower | 0.25 | 2.50 |
| Gloire de Douai , dark purple red, one of the darkest colored Paeonias | 0.30 | 3.— |
| Jeanne d'Arc , large flower, soft pink, sulphur white and lively rose, centre spotted carmine, very fresh color, extra | 0.25 | 2.50 |
| La Rosière , centre sulphur yellow, flushing in creamy white toward the end of the petals | 0.35 | 3.50 |
| La Tendresse , pure white, centre creamy white, extra | 1.50 | 15.— |
| La Tulipe , delicate rose fading to creamy white, smells very nicely | 0.45 | 4.50 |
| Marie Lemoine , pure white with yellow anthers, very beautiful | 0.40 | 4.— |
| Meissonier , purple red | 0.35 | 3.50 |
| Mlle Rousseau , sulphur white, centre rose, flushed salmon rose, big flower | 0.70 | 7.— |
| Mme Crousse , large bloom, pure white, centre edged with bright carmine, fine bud, strong stems, one of the best white varieties for cut flowers, extra | 0.80 | 8.— |
| Mme. de Verneville , white centre, delicate flesh | 0.40 | 4.— |
| Montblanc , pure white, yellow in the centre | 0.40 | 4.— |
| Monsieur Chas. Leveque , soft salmon pink | 0.30 | 3.— |
| Monsieur Jules Elie , bright satiny rose, silver reflex | 0.75 | 7.50 |
| Perfection , soft pink shaded rose and cream | 0.70 | 7.— |
| Souvenir de l'Exposition Universelle , fine form of flower, brilliant cherry red, silvery reflexed | 1.25 | 12.— |
| Thorbecke , soft rosy pink, centre dark rose | 0.25 | 2.50 |
| Victor Hugo , brilliant carmin red | 1.50 | 15.— |
| Zoe Calot , soft rose pink, lilac reflexed | 0.35 | 3.50 |
| 12 Named sorts our selection at \$ 3.50 | | |
| 25 " " " " " at \$ 8.— | | |

PAEONIA OFFICINALIS.

| | | |
|--|------|------|
| Alba pleno , true, double white | 1.— | 10.— |
| Rosea superba pleno , large double rose | 0.70 | 7.— |
| Fl. pleno , brilliant glowing deep crimson double | 0.25 | 2.50 |

PAEONIA TENUIFOLIA fl. pl.

| | | |
|--|------|-----|
| Handsome , ornamental plant with rich, crimson double flowers | 0.60 | 6.— |
|--|------|-----|

TUBEROUS BEGONIAS.

All Begonias are splendid potplants and are unsurpassed for growing outdoors.

SINGLE BEGONIAS.

| | p. doz. | p. 100 |
|-------------------|---------|--------|
| Scarlet | 0.50 | 3.— |
| Rose | 0.50 | 3.— |
| Orange | 0.50 | 3.— |
| White | 0.50 | 3.— |
| Yellow | 0.50 | 3.— |
| Copper | 0.50 | 3.— |

DOUBLE BEGONIAS.

| | | |
|-------------------|------|-----|
| Scarlet | 0.70 | 4.— |
| Rose | 0.70 | 4.— |

Double Begonias. — Continued.

| | p. doz. | p. 100 |
|------------------|---------|--------|
| Orange | \$0.70 | \$4.— |
| White | 0.70 | 4.— |
| Yellow | 0.70 | 4.— |
| Copper | 0.70 | 4.— |

BEGONIA CRISPA.**New „frilled” Begonia.**

The petals of this Begonia are fimbriated and wonderfully fringed.

| | p. doz. | p. 100 |
|----------------------------|---------|--------|
| All colors mixed | 1.— | 6.— |

BEGONIA CRISTATA.**New bearded Begonias.**

Produce large single flowers of great substance and size and each petal is ornated with a conspicuous crest on the centre. —

| | p. doz. | p. 100 |
|----------------------------|---------|--------|
| All colors mixed | \$1.— | 6.— |

LILY OF THE VALLEY.

CONVALLARIA, or Lily of the Valley, is one of „Grand mother's” flowers which is again coming into the popularity which it deserves. We list these strong roots of the finest sorts, such as have made our reputation for high quality with florists the world over. These deserve a more prominent place in your garden than the Lily of the Valley has had hitherto. The results will justify it.

We send everything herewith catalogued ; carriage paid and free of packing charges ; our prices including everything.

CONVALLARIA OR LILY OF THE VALLEY.**Directions for forcing Lily of the Valley in your house.**

The Berlin crowns are the best for early forcing. Dutch crowns are for late forcing. Both will do nicely outdoors as well in that case plant in spring.

They can be easily forced in pots. Put about two inches of soil in a pot, put the bunch in, cut the string which keeps the crowns tied and fill up with soil in such a way that the crowns show slightly.

Keep them in a heated room, water daily and cover them with another flower pot so as to make the crowns start growing. After three or four weeks take the top pot away, give the crowns the full light and they will flower nicely after a month or so.

Give the Dutch crowns the same treatment, only force them slowly, do not give them as much heat as the Berlin crowns.

Plant the Berlin and Dutch Lily of the Valley as soon as you get them.

| | | |
|--|---------|--------|
| | p. doz. | p. 100 |
| Convallaria Berlin crowns | \$0.50 | \$2.75 |
| Convallaria Dutch crowns | 0.40 | 2.25 |

GLADIOLUS.

The Gandavensis type of Gladiolus is not nearly so well known in America as it deserves to be. As growers of these bulbs selling direct we are able to offer not only this type, but all the newest introductions—in many cases a season or two before they are listed in American catalogues.



Though the Gladiolus likes the sun and prefers good depth of light soil, well drained, it can readily be grown with success under any ordinary conditions.

Plant about four inches apart and five inches deep, for an average size bulb.

As they bloom from June on, they can be used to good advantage in rose or paeony beds; particularly if you arrange for a succession of bloom by starting early in May and planting each couple weeks until the end of June. In this case you will have a beautiful mass of bloom until nearly October—but a Short time

before the yellowing of the foliage warns you that it is time to take up the bulbs and store them in the cellar, till next Spring.

| | | |
|--|---------|--------|
| | p. doz. | p. 100 |
| America , bright pink, large flower | \$ 0.50 | \$ 3.— |
| Brenchleyensis , scarlet, extra bulbs | 0.50 | 3.— |
| 1st size bulbs | 0.35 | 2.— |
| Byzantinus , purple, early | 0.20 | 1.20 |
| Colvilli alba (The Bride) , white | 0.20 | 1.20 |
| rubra , red | 0.20 | 1.20 |
| rosea , pink | 0.20 | 1.20 |
| Childsi , mixed | 0.35 | 2.— |
| good varieties named | 1.— | 6.— |
| Gandavensis Type , red and yellow | 0.35 | 2.— |
| mixed, all colors | 0.35 | 2.— |
| named varieties | 0.70 | 4.— |
| Geiria , dark blue | 1.— | 6.— |
| heliotrope | 1.— | 6.— |
| purple | 1.— | 6.— |
| bright rose | 1.— | 6.— |
| pink | 1.— | 6.— |
| violet | 1.— | 6.— |
| yellow | 1.35 | 8.— |
| all colors mixed | 0.65 | 4.— |
| Groff's Hybrids , extra | 0.65 | 4.— |
| Hollandia , orange yellow, large, new | 0.50 | 3.— |
| Lemoine , named varieties | 1.— | 6.— |
| Bar. Jos. Hulot, deep violet blue | 0.65 | 4.— |
| Marie Lemoine, creamy white with salmon pink | 0.50 | 3.— |
| superfine mixed | 0.35 | 2.— |
| Nanus Ackermanni , orange red | 0.25 | 1.50 |
| Delicatissima (Blushing Bride), bright pink | 0.20 | 1.20 |
| Fairy Queen, carmine red | 0.20 | 1.20 |
| Peach Blossom, soft rose | 0.35 | 2.— |
| mixed, all colors | 0.20 | 1.— |
| Nanceianus , in named varieties | 1.— | 6.— |
| superfine mixed | 0.35 | 2.— |
| Princeps , American novelty, large Amaryllis like flower, brilliant deep scarlet, with yellowish white blotch | 1.— | 6.— |
| Ramosus , Formosissimus, scarlet, white striped | 0.50 | 3.— |
| Non plus Ultra , bright scarlet, extra | 0.50 | 3.— |
| superfine mixture | 0.35 | 2.— |

Newer and Newest Varieties.

| | | |
|--|--------------|--------|
| | p. doz. | p. 100 |
| Augusta , white, lavender anthers | \$ 0.85 | 5.— |
| Badenia , true lavender, not too blue, big well expanded flowers, a real beauty | each \$ 2— | |
| Electra , brilliant vermilion with small white blotch | 7.50 | 45.— |
| Europa , large snowy white flowers on vigorous elegant stems | 8.50 | 50.— |
| Francis King , scarlet | 10.— | 60.— |
| Glory of Noordwijk , sulphur yellow. each \$ 12.— | | |
| Halley , brilliant orange red, yellow blotch in throat | 10.— | 60.— |
| Lily Lehmann , very delicate rose passing to white, large flowering variety. Exceedingly charming | 2.50 | 15.— |
| Liebesfeuer , fiery red orange shaded, lower petals are striped violet brown | each \$ 1.25 | |
| Niagara , light yellow, deeper yellow in throat. Large open flowers on strong spikes | 3.60 | 22.— |
| Panama , finest pink, flowers are large and wide open and the color of glowing mauve rose is certainly unique | 6.50 | 40.— |
| Pink Beauty , pink with small dark blotch. The earliest Gladiolus | 3.— | |
| Pink Perfection , light appleblossom, the lower petals are reflexed lilac | each \$ 0.80 | |
| Principine , brilliant red | 4.25 | 25.— |
| Willy Wigman , creamy white, with crimson blotches on lower petals | 1.50 | 9.— |

We send everything herewith catalogued: carriage paid and free of packing charges; our prices including everything.

IMPORTED BULBS.

| | p. dozen | p. 100 |
|--|----------|--------|
| Roman Hyacinths , the earliest white Hyacinth. . . | \$ 1.— | 6.— |
| Narcissus Double Roman | 0.60 | 3.50 |
| Paperwhite , the well-known sweetscented | | |
| bunch flowering Narcissus | 0.50 | 3.— |
| Freesia refracta alba , fine truss of sweet-scented | | |
| flowers | 0.25 | 1.50 |
| Lilium Candidum , the Madonna Lily. | 1.— | 6.— |

| | Each | p. doz. |
|---------------------------------|--------|---------|
| Top size Bulbs | \$0.40 | 4.— |
| First size | 0.30 | 3.— |
| Second size | 0.20 | 2.— |

LILIUM AURATUM GOLDBANDED LILY.

A beautiful Lily from Japan, the flowers are white, with crimson dots and a golden band through the centre of each petal. We send these Lilies beginning of March until April.

Tuberoses the Pearl.

These Tuberoses are imported by us from one of the best growers, and we can therefore guarantee these bulbs to be the very best obtainable. We send the Tuberoses from the Beginning of March until half of April. We should recommend our customers to take a trial with these Bulbs which produce pure white flowers with a very nice odour.

per dozen \$ 0.50, per hundred \$ 3.—

MISCELLANEOUS BULBS.

We have cut down this list to only the most popular kinds of miscellaneous bulbs.

Being specialists in bulbs we do not like to make the impression on you that ours is a catalogue from which you can order just anything you find in any other ordinary price-list. What we offer we grow and supply to you direct from our own fields.

| | p. dozen | p. 100 |
|--|----------|--------|
| Allium , azureum, heavenblue | 0.65 | 4.— |
| " Molly Luteum, yellow | 0.20 | 1.20 |
| " Neapolitanum. | 0.20 | 1.20 |
| " Ostrowskianum , fine rose. | 0.20 | 1.20 |
| Chionodoxa gigantea , Glory of the Snow, blue. | 0.25 | 1.50 |
| " Luciliae , Glory of the Snow, blue with | | |
| white star. | 0.25 | 1.50 |
| Chionodoxa Sardensis , Glory of the Snow, fine blue | 0.25 | 1.50 |
| Eranthis Hyemalis , yellow, very early | 0.15 | 0.80 |
| Erythronium Americanum, yellow. | 1.35 | 8.— |
| " Denscanis, mixed. | 0.25 | 1.50 |
| " " album, white. | 0.25 | 1.50 |
| " " purpureum, purple | 0.35 | 2.— |
| " " roseum, rose | 0.25 | 1.50 |
| Fritillaria Imperialis , red double | 8.25 | 50.— |
| " " yellow double. | 8.25 | 50.— |
| " " gold striped (single) | 3.50 | 20.— |
| " " yellow (single) | 2.50 | 15.— |
| " " aurora, red (single) | 2.50 | 15.— |
| " " crown upon crown (single) | 2.— | 12.— |
| " " red (single) | 1.30 | 8.— |
| " " mixed | 1.— | 6.— |

| | p. dozen | p. 100 |
|---|----------|--------|
| Fritillaria meleagris , mixed spring flowering | 0.20 | 1.20 |
| Ixia , mixed. | 0.15 | 0.80 |
| Muscari Botryoides , blue, grape Hyacinths. | 0.15 | 0.80 |
| " " white, grape Hyacinths | 0.20 | 1.20 |
| " Plumosus , violet feather Hyacinths | 0.20 | 1.20 |
| Oxalis Bowii | 0.20 | 1.20 |
| " cernua, yellow | 0.20 | 1.20 |
| " cernua fl. pl., double yellow | 0.40 | 2.40 |
| " Deppei, scarlet | 0.20 | 1.20 |
| " Superfine Mixed | 0.20 | 1.20 |
| Scilla bifolia, blue | 0.20 | 1.20 |
| " " white | 2.50 | 15.— |
| " campanulata alba, white | 0.20 | 1.20 |
| " " blue | 0.20 | 1.20 |
| " sibirica, blue. | 0.20 | 1.20 |
| " " white | 0.25 | 1.50 |

Snowdrops (*Galanthus Nivalis*) these little white heralds of the Spring are simply lovely. The snow has hardly left your lawn and lo! they push up their tiny heads to ring in the time which inspires the whole flower-world with new life. And they don't require any special attention either. They just invite you to look at them and enjoy spring.

| | | |
|---|------|------|
| Snowdrops Single | 0.20 | 1.20 |
| " Double | 0.25 | 1.50 |
| " Elwesii (large single flowers). | 0.20 | 1.20 |
| Sparaxis , named varieties | 0.20 | 1.20 |
| " mixed | 0.15 | 0.75 |

SPIRAEAS.



This photo gives a picture how beautifully the cut flowers of the Spiraea can be arranged.]

OUR INTRODUCTIONS.

Spiraea Philadelphia, named in honor of our American Branch is a marvel in lavender pink, a perfect grower and when in bloom a plant of irresistible charm. Each \$ 0.30 Dozen \$ 3.—

INTRODUCTIONS 1913.

- AMERICA.** A striking novelty: for the first time introduced to the market. A cross between Astilbe hybr. Peach Blossom and Astilbe Arendsi, combining all the good capacities of both. The foliage of rich green color is like the old Spiraea japonica. Elegant flowers of **Catleya-color**: nice lilac rose with silvery reflex, hereto unknown in forcing Spiraea. Forces at the same time as Queen Alexandra. each \$ 0.75, per dozen \$ 7.—
- AVALANCHE.** Award of Merit Royal Horticultural Society London (Votes, unanimous). A good pure white variety obtained as the result of a cross between Spiraea compacta multiflora and Astilbe chinensis. The flowers have the same feathered habit that has made the pink forms so popular. each \$ 0.30, per dozen \$ 3.—
- QUEEN ALEXANDRA (IMPROVED).** A deep pink flower. Has all the good capacities of the common Queen Alexandra; the color is however more constant and a better pink. each \$ 0.40, per dozen \$ 4.—
- RUBENS.** Deep pink, forces as early and as easily as Gladstone. each \$ 0.75, per dozen \$ 7.—
- QUEEN ALEXANDRA,** the newest pink has created much sensation among all growers; it combines together with its deep rosy pink the perfect growing and easy forcing of the Spiraea Gladstone. each \$ 0.20, per dozen \$ 2.—
- GLADSTONE.** The growers of the Continent were not surprised when, as the result of our long experience as Spiraea specialists, it was possible to offer a new white Spiraea, which was a perfect grower of extra free flowering habit and which forced easily. This white — the Gladstone Spiraea — is standard for highest class use in Europe and has been bought by many of the best florists in America, all of whom express their highest satisfaction. each \$ 0.20, per dozen \$ 2.—

| | each | p doz | | each | p doz |
|---|--------|-------|---|--------|-------|
| Peach Blossom , clear pink | \$0.20 | \$2.— | Japonica | \$0.20 | \$2.— |
| Astilboides | 0.20 | 2.— | Palmata alba , white flowers | 0.20 | 2.— |
| floribunda | 0.20 | 2.— | elegans | 0.20 | 2.— |
| Blondine | 0.20 | 2.— | rubra | 0.20 | 2.— |
| Compacta multiflora | 0.20 | 2.— | Washington | 0.20 | 2.— |

We send everything herewith catalogued: carriage paid and free of packing charges, our prices including everything.

Paeony=Flowered Dahlias.

This is a new class of Dahlias of very large size. The flowers are borne on long stout stems and are especially well fitted for decoration.

The plants produce an effective display in the garden. The new varieties introduced by our firm are the very best and many of them were awarded certificates and awards of Merit. We send these roots in Spring so that our customers can plant them in May and have no bother to keep the roots free of frost during winter.

| | each. | | each. |
|---|---------|---|---------|
| Andrew Carnegie , salmon pink. Award of merit | \$ 0.20 | King Edward , deep purple, unique shade | \$ 0.45 |
| Bertha von Suttner , blush rose, with salmon tint. Award of merit | 0.35 | King Leopold , canary yellow | 0.20 |
| Caesar , canary yellow. 1st class certificate | 0.55 | H. J. Lovink , mauve shaded, 1st class certificate | 0.50 |
| Cecilia , creamy white. 1st class certificate | 0.55 | La Riente , soft shade of mauve pink | 0.20 |
| Dr. K. W. v. Gorkum , white, rosy shaded. | 0.20 | Mannheim , soft orange red. 1st class certificate | 0.20 |
| Dr. Peary , dark mahogany, velvety shaded. Award of merit | 0.55 | Merville , orange yellow, marvellous form | 0.25 |
| Duke Henry , rich brilliant deep crimson. | 0.20 | Miss Gladys Dawson , orange, shaded yellow | 0.20 |
| Geisha , scarlet and gold. the most sensational dahlia of all. 1st class certificate | 0.55 | Montblanc , pure white | 0.60 |
| Germania , bright glowing crimson scarlet | 0.20 | Paul Kruger , rosy, white striped | 0.20 |
| Glory of Baarn , soft pink. 1st class certificate | 0.20 | P. W. Jansen , orange yellow | 0.30 |
| H. Hornsveld , soft salmon, elegant form | 0.30 | Queen Alexandra , sulphur yellow. 1st class certificate | 0.35 |
| Hortulanus Budde , bright orange red. Award of merit . | 1.— | Queen Emma , rosy pink, suffused yellow | 0.20 |
| Hugo de Vries , bronzy-orange | 0.20 | Queen Wilhelmina , pure white. | 0.20 |
| Isadora Duncan , pale salmon. | 0.30 | Sneeuwitje , pure white | 0.20 |
| Kaiserin Augusta Victoria , creamy white | 0.30 | Sherlock Holmes , mauve, splendid form | 1.20 |
| | | Vesta , pale yellow, salmon rose shaded. | 0.35 |

New Paeony=Flowered Dahlias.

| | | | |
|--|-------------|---|-------------|
| America , apricot orange. 1st class certificate | each \$ 4.— | Fräulein Budde , soft pink, free flowering Award of merit | each \$ 2.— |
| Avalanche , pure white, the best white in this class. Award of merit | each 3.— | Lovellness , pale lilac, white shaded. Award of merit each | 3.— |
| Electra , bluish mauve, grows very erect above the foliage, free flowering. 1st class certificate | each 2.— | Painted Lady , pale rose. Award of merit | each 3.— |

Paeony=Flowered Dahlias.

Novelties for 1914.

| | | | |
|--|--------------|--|--------------|
| Chatenay , color similar to the wellknown Chatenay rose, blooms held erect on good stiff stalk. First class certificate Amsterdam 1913. | each \$ 10 — | Mrs. J. C. Vaughan , lovely bright, yet clear yellow flowers, eight inches across. with incurved irregular florets of the Cactus type, very attractive, good stalk and substance. First class certificate National Dahlia Society (and Award of merit R. H. S. London Sept. 1913. | each \$ 12.— |
| Duchess of Brunswick , bright red, blooms eight to nine inches across. the outside of the florets being apricot. First class certificate National Dahlia Society and Award of merit R. H. S. London Sept. 1913. | each 12 — | | |

Paeony=Decorative Dahlias.

| | | | |
|---|--------------|--|--------------|
| Alice Roosevelt , mauve shaded | each \$ 0.40 | Mrs. Fleers , rosy red. 1st class certificate | each \$ 0.45 |
| Hortulanus Fiet , salmon, yellow centre, very large. 1st class certificate | each 1.25 | Princess Juliana , pure white free flowering, the best white for cutting. 1st class certificate | each 0.45 |
| Hortulanus Witte , pure white. 1st class certificate each | 0.45 | Zeppelin , mauve, perfect form. Award of merit . . each | 1.25 |

New Paeony=Decorative Dahlias.

| | | | |
|---|-----------|---|-----------|
| Berch van Heemstede , pure yellow, free flowering. 1st class certificate | each 3.— | Leo XIII , deep yellow, remarkable form, very attractive. Award of merit 1913. 1st class certificate 1913. . . . | each 3.50 |
| Great Britain , deep mauve, perfect form, very large flower. 1st class certificate | each 4.50 | | |

We send everything herewith catalogued: carriage paid and free of packing charges, our prices including everything.

GENERAL INDEX.

| | Page | | Page |
|--|------|-------------------------------|------|
| Allium | 28 | Jonquils | 23 |
| Anemones | 23 | Liliums | 28 |
| Begonia | 26 | Lilium candidum. | 28 |
| Chionodoxa | 28 | Miscellaneous Bulbs. | 28 |
| Convallaria (Lily of the Valley) | 27 | Muscari | 28 |
| Crocus | 21 | Narcissi | 21 |
| Daffodils | 21 | Oxalis. | 28 |
| Dahlias | 30 | Paeonia | 25 |
| Eranthis | 28 | Ranunculus. | 24 |
| Erythronium | 28 | Scilla | 28 |
| Fritillaria | 28 | Snowdrop | 28 |
| Galanthus | 28 | Sparaxis | 28 |
| Gardening Books | 7 | Spiraeas | 29 |
| Gladiolus | 27 | Tuberoses The Pearl | 28 |
| Hints on growing bulbs outdoors | 8 | Tulips. Early | 14 |
| Hyacinths | 10 | Darwin | 19 |
| Imported bulbs | 28 | May-Flowering. | 18 |
| Iris Anglica | 24 | Parrot or Dragon. | 18 |
| „ Hispanica | 24 | Rembrandt | 18 |
| „ Species of. | 24 | The coming | 13 |
| Ixia | 28 | Variegated Leaved | 17 |





HYACINTHS IN FULL BLOOM.